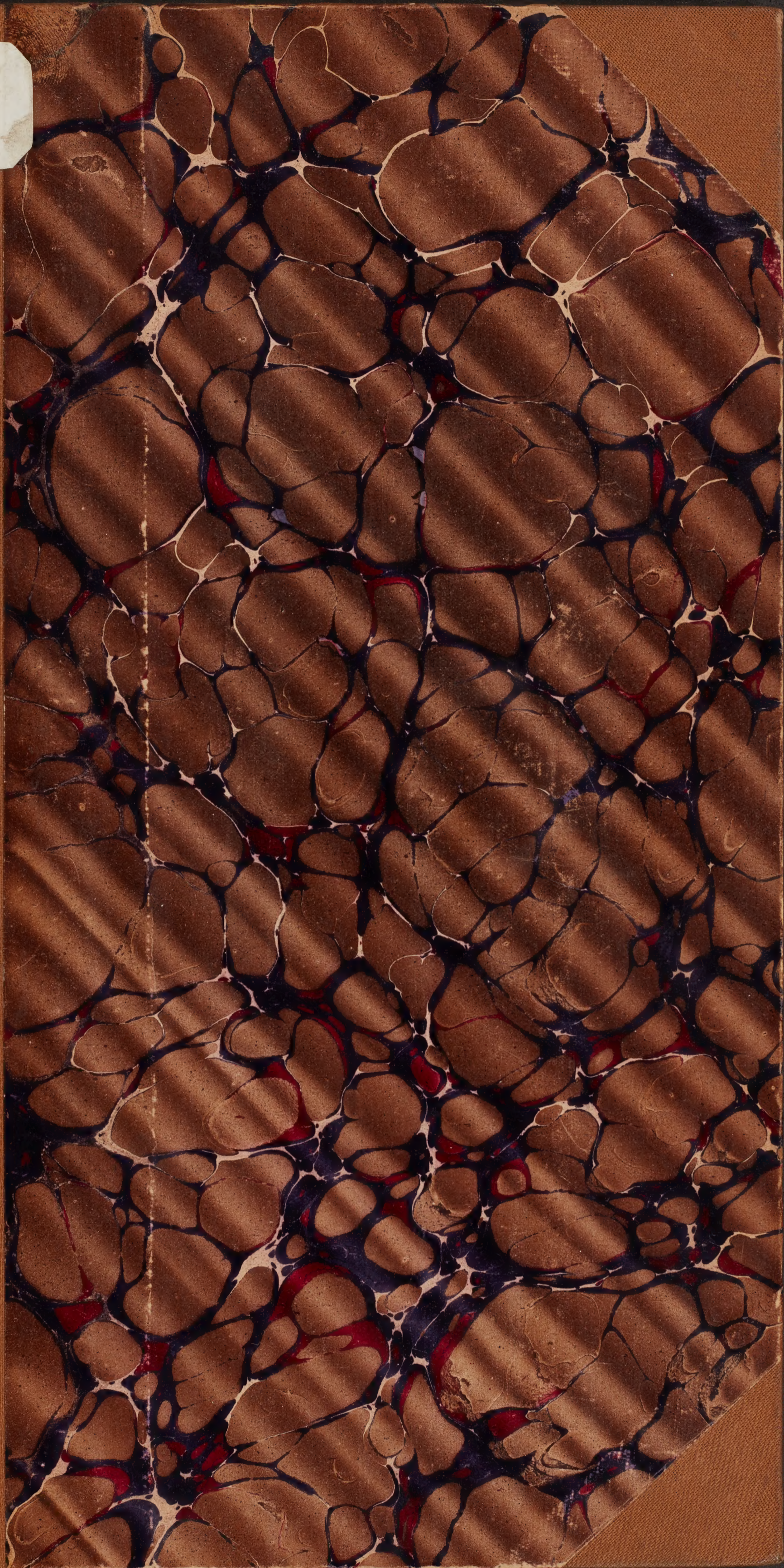


M
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1833 S₃



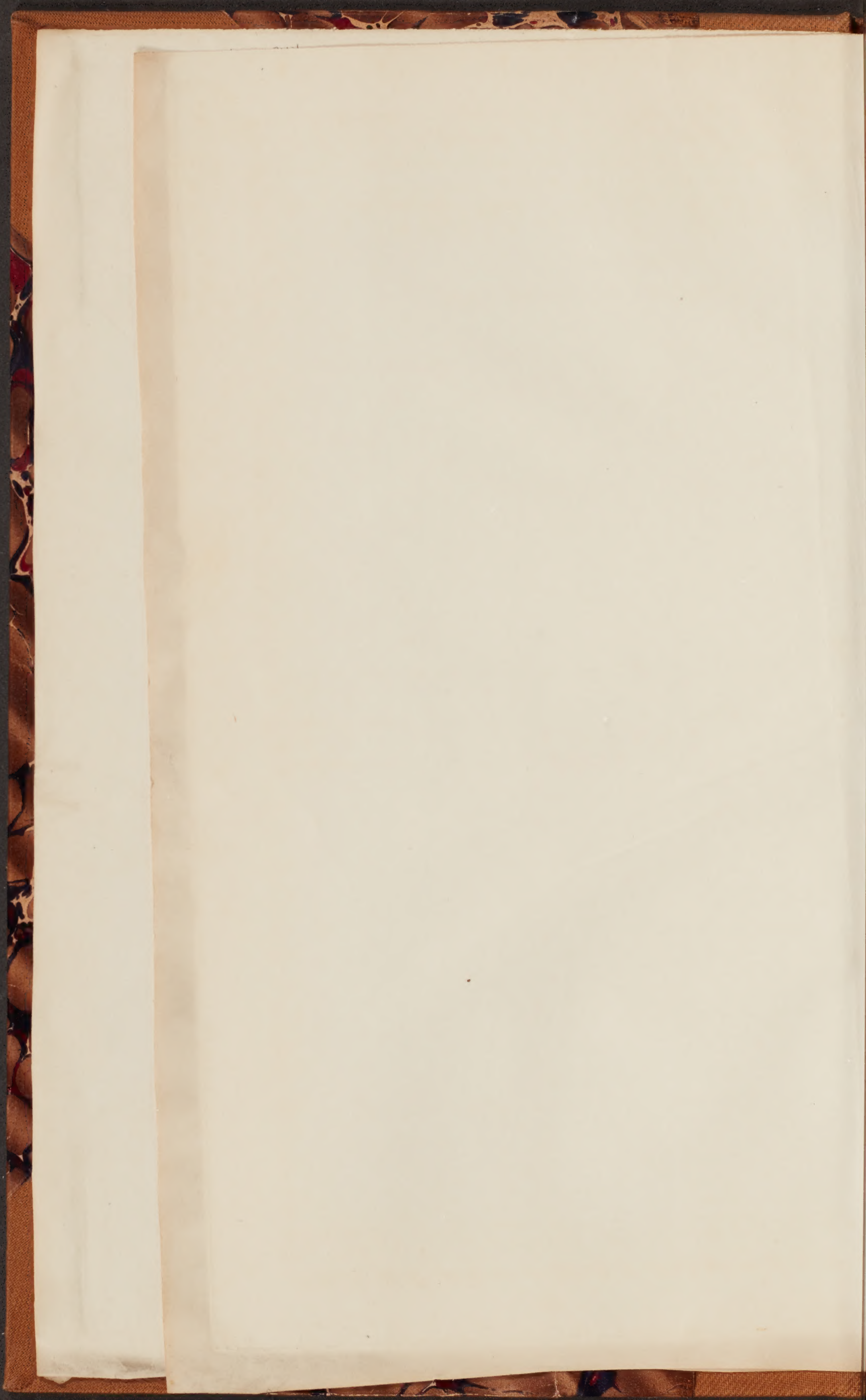
Log 344

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Sea Journal.

JOURNAL OF A VOYAGE

From *the* *by* *Begun* *terminated* to *in* *commanded* 182 , and 182 .

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Samuel Grose, Master of

Ship. Sapphine from Liverpool towards Manila

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						Wednesday May 22-1833
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

[illegible][illegible][illegible][illegible]

Ship Sapphine from Liverpool towards Manila

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	S.W.			commences with light air and
2	"	1				thick weather with all morn
3	"	1	West North			will set all hands employed
4	"	1				in getting up the anchors on
5	1	1				the gunnell and stowing chains
6	1	1				below
7	1	1	W. N. E.			
8	1	1				
9	2	1	W. N. E.			
10	3	1				Middle North light wind
11	4	1				and variable round the compass
12	4	1				at 3 P.M. foggy set all studding sails
1	3	1				at 4 " " took them in again
2	3	1				at 5 set them again -
3	1	1	S.W.			ends with light air and
4	1	1				foggy
5	2	1	S.W.			
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	1	1				Lat by Obs 53.25 North
11	1	1				
12	1	1				

[illegible]

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.
1	1	1	SSEW	East		Commenced with light airs and clouds
2	2		SSEW			at 3 PM To appear from the south
3	3		W by S			took in all studding sails -
4	4	1		South		
5	5		SSEW			at 4 PM Tackled ship.
6	5					at 9 AM tack ship to Reo & Mto.
7	6	1				
8	6	1				Middle Part light winds and
9	6	1				foggy sounded in of 8 p.m.
10	3	1	W by S			Master Brown said
11	6		W by S			
12	6					at 1 PM tack ship.
1	5	-	SW			at 3 PM set top mast & top gall
2	3		SW			studding sails, at 6 set lower studding
3	4		SW			sails, at 7 am set larboard studding
4	5		SW by W			sails.
5	5					Ends. Clear -
6	5			East		
7	5					
8	5		SSW			Lat by obs 52.12 South
9	5					
10	4	1	SW by W			
11	4	1				
12	4	1				

[illegible]

John. Grose, Master of

Ship Sapphire from Shanghai towards Mumela										
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks. Sunday May 26 - 1833				
1	4		W 5 W	8 8 8		commences with light breezes and				
2	3			to		pleasant weather -				
3	3					at 2 PM the Land bore S, S, East				
4	3			8 8 8		Tucker light house bore S by W 2 W				
5	2	1				by compass at 7 PM the outermost				
6	2	1		2		Land on Starboard hand bore South				
7	2	1				and on the Starboard hand S W				
8	3	1	W 4 S	North		at 9 30 PM Tucker light bore S by E 2 E				
9	4	1				Distance 13 Miles -				
10	4	1				at 10.30, it bore S S E 2 E by compass				
11	5	1				Middle Point fine breezes and				
12	8	1				foggy weather -				
1	5	1				Morning set Starboard studding sail				
2	7	1	W 3 S	to		at 11 AM set Starboard studding sail,				
3	7	1				2 jibed ship				
4	8	1				and with pleasant weather				
5	8	1				Lat by Obs 51.14 North				
6	8	1								
7	8	1								
8	8	1								
9	7	1								
10	7	1								
11	7	1								
12	7	1								

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 57 W	103	56	86	51 11 16	51 14	2 1/2	2 11 18	8 28	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks. Monday May 27 - 1833				
1	7		S W 3 W 1/2 W			commences with fine good breezes				
2	7					and pleasant weather -				
3	7			8 8 8		at 3 PM saw the Land bearing				
4	7					S S E by compass -				
5	7	1				at 8 PM jibed ship and stood				
6	7	1	S W 3 W 1/2 W			to the southward -				
7	8	1				took in all Starboard studding sail				
8	8	1				Middle Point fine gales and				
9	8	1		8 8 8		cloudy -				
10	8	1				ends the same with all				
11	8	1				bonds well and heavy -				
12	8	1				Lat by Obs none -				
1	8	1								
2	8	1								
3	8	1								
4	8	1								
5	8	1								
6	8	1								
7	8	1								
8	8	1								
9	8	1								
10	8	1								
11	8	1								
12	8	1								

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 46 W	176	2 02	125	49 12		2 1/2	193	11 39	

Samuel Grace, Master of

Ship Sapphine from Liverpool towards Manila.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	7		S 7/8 W			Commences with fine breezes
2	7					and cloudy with all sail
3	6	1		S East		set to the best advantage
4	6					
5	6					Discharged 10 tons of Ballast
6	5	1				
7	5	1				
8	5					
9	4	1				Middle Port light breezes
10	4					and foggy weather
11	4					
12	4					
1	4					At 10 AM took in lower studding
2	4					sail - -
3	4					
4	4					ends with light airs and cloudy
5	3					
6	2					
7	2					Lat by Obs None - -
8	1	1				
9	2					
10	2					
11	3					
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 37 W	99	79	59	47 53			82	13 61	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		W 3/4 S	South		Commences with light breezes
2	4					and cloudy with all sail
3	4		W 3/4 S	to		set by the wind - -
4	3	1				
5	2		W 3/4 S	SSE		
6	2					
7	1		W 3/4 S			
8	1		calm			Middle Port calm
9	"					
10	"					
11	"					
12	"					
1	"					ends with light airs
2	1		S W	S East		and passing clouds - -
3	1					
4	"					
5	"					
6	"					
7	"					Lat by Obs 47 27 North
8	2	1	S 3/4 W	West		
9	2					
10	2		S W			
11	2		W 3/4 S			
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 42 W	27	20	18	47.33	47.29	2 1/4	27	13.28	

from						towards				
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.				
1	2		23.5			Thursday May 20 - 1833				
2	1					Commenced with light air and				
3	5		24.5			pleasant weather				
4	1					at 3 o'clock in the forenoon				
5	1					went at 5 o'clock to the				
6	1		25.5			and back in the forenoon				
7	1					Middle of the day				
8	1					and sailing north				
9	7		26.5			and sailing north				
10	1					and sailing north				
11	1					and sailing north				
12	1		27.5			and sailing north				
1	3		28.5			and sailing north				
2	3					and sailing north				
3	3					and sailing north				
4	3					and sailing north				
5	3					and sailing north				
6	3					and sailing north				
7	3		29.5			and sailing north				
8	3					and sailing north				
9	2	1	30.5			and sailing north				
10	2	1				and sailing north				
11	3		31.5			and sailing north				
12	3	1				and sailing north				
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 33 W		27	10	21	4 45			30	15 18	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.				
1	2		32.5			Friday May 21 - 1833				
2	1					Commenced with light air and				
3	1		33.5			pleasant weather				
4	1					at 8 o'clock in the forenoon				
5	1		34.5			went at 5 o'clock to the				
6	1					and back in the forenoon				
7	1		35.5			Middle of the day				
8	1					and sailing north				
9	1		36.5			and sailing north				
10	1					and sailing north				
11	1		37.5			and sailing north				
12	1					and sailing north				
1	1		38.5			and sailing north				
2	1					and sailing north				
3	1		39.5			and sailing north				
4	1					and sailing north				
5	1		40.5			and sailing north				
6	1					and sailing north				
7	1		41.5			and sailing north				
8	1					and sailing north				
9	1		42.5			and sailing north				
10	1					and sailing north				
11	1		43.5			and sailing north				
12	1		44.5			and sailing north				
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 35 W		100	81	54	45 38	20 20		81	15 19	

from *London* towards *Paris*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		Star	40	
2	6				
3	6				
4	5		Star		
5	5				
6	5				
7	5				
8	5				
9	5				
10	5				
11	5				
12	5				
1	5				
2	5				
3	5				
4	5				
5	5				
6	5				
7	5				
8	5				
9	5				
10	5				
11	5				
12	5				

Cours.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
52	10	1	44	27	28	1	7	174	

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
0240	5	2	7	08	—	1	5	18.54	

Sumner Green Master of

from *London* *towards* *Manila*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	List.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
114 30	100	1 58	40	24 43	34 23	2	57	114 57	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	List.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
114 30	100	1 58	40	24 43	34 23	2	57	114 57	

Samuel Lyman Master of

Ship Sapphine from Lancaster towards Nashville

H. K. H.K. Courses. Winds. Lec. Remarks. *Friday June 7th 1833*

1	4	1	W 1/2 S	Light		Commence, with fine gales and pleasant weather - all things set before the wind -
2	5					
3	4	1				
4	5					
5	5					
6	5					
7	5	1				
8	5					
9	5					
10	5					
11	5			East		
12	5					
1	5					Middle Point
2	5	1				Pleasant
3	5	1				
4	7					And much the same
5	7					
6	7					
7	7	1				
8	7					
9	7	1				
10	7	1				Lat 29 58 North
11	7	1				
12	7	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 17 W	149	142	43	29.51	29.41	2	51	21.31	

H. K. H.K. Courses. Winds. Lec. Remarks. *Saturday June 8th 1833*

1	7		S 7 1/2 E	SE		Commence with brisk trades and bumpy heads with all steady winds - at before the wind
2	6	1				
3	7					
4	6	1				
5	7					
6	7					
7	7	1				
8	8					
9	8					
10	8					
11	8			East		
12	8					
1	7	1				Middle Point fine gales and stormy with rain
2	5					
3	5			SE		
4	8					
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	8					Lat 3 1/2 N 27 29
10	8					
11	7	1				
12	7	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 17 W	179	159	51	27.07	27.07	58		22.29	

Samuel Green Master of

this Sloop from *Campana* towards *Manilla*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Sunday June 9 1833</i>
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	List.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>12</i>	<i>12</i>	<i>12</i>	<i>12</i>	<i>25 20</i>	<i>25 01</i>	<i>1</i>	<i>23</i>	<i>23 32</i>	<i>22 26</i>

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Monday June 10 1833</i>
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	List.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>5 11 2</i>	<i>105</i>	<i>105</i>	<i>20</i>	<i>27 20</i>	<i>27 10</i>	<i>1</i>	<i>22</i>	<i>27 52</i>	<i>28 10</i>

Samuel Grace Master of

Ship *Sapphire* from *Liverpool* towards *Manilla*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Tuesday June 11 th 1833				
1							Commenced with light air and variable - Puffs are rather strong the same the barometer in night fell sat by the Ship				
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.		
11 1/2	12	5 1/2	12	2 1/2	22 1/2	1 1/2	1 1/2	24 1/2	23 1/2		

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Wednesday June 12 th 1833				
1							Commenced with fine breezes and chasing clouds all sail set to the best advantage Puffs are rather strong the same the barometer in night fell sat by the Ship				
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.		
12 1/2	12	1 1/2	12	2 1/2	23 1/2	1 1/2	6 1/2	25 1/2			

Journal of the voyage

Ship *Thetis* from *Lancaster* towards *Manila*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S. by E. 189	142	2		11.55	12.31	12	1.09	28.52	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S. by E.	85	25		11.55	12.31	12	1.09	28.52	

Journal of George Peckham

This voyage from *Princeton* towards *San Pedro*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		SE			Commenced with light breeze
2	2		SE			at five o'clock with
3	2		SE			4 sail in night from West
4	2		SE			South
5	2		SE			
6	2		SE			
7	2		SE			
8	2		SE			
9	2		SE			
10	2		SE			
11	2		SE			
12	2		SE			
1	2		SE			
2	2		SE			
3	2		SE			
4	2		SE			
5	2		SE			
6	2		SE			
7	2		SE			
8	2		SE			
9	2		SE			
10	2		SE			
11	2		SE			
12	2		SE			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	10	48	14	9.23	9.30	1	14	26.38	

This voyage from *Princeton* towards *San Pedro*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		SE			Commenced with light breeze
2	2		SE			at five o'clock with
3	2		SE			4 sail in night from West
4	2		SE			South
5	2		SE			
6	2		SE			
7	2		SE			
8	2		SE			
9	2		SE			
10	2		SE			
11	2		SE			
12	2		SE			
1	2		SE			
2	2		SE			
3	2		SE			
4	2		SE			
5	2		SE			
6	2		SE			
7	2		SE			
8	2		SE			
9	2		SE			
10	2		SE			
11	2		SE			
12	2		SE			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	10	48	14	9.23	9.30	1	14	26.38	

St. Anne's Grace, Master

Ship from - Liverpool towards - Madeira

H. K. H.K. Courses. Winds. Lec. Remarks. Wednesday June 17-1835

1	3						Commenced with light breeze
2	3						and pleasant weather
3	2						at 10 AM squally, taking
4	2						all light sail
5	3						
6	4						
7	4						
8	4						
9	4						
10	4						at 5 AM then again
11	3						at night light rain and clouds
12	3						with heavy rain
1	2						
2	2						
3	1						Running to Brix in sight
4	3						showing the American colours
5	2						
6	2						
7	2						the ship fair day all clear
8	2						
9	2						and with light rain and breeze
10	2						
11	2						
12	2						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
52 45	100	0 3	2 8	51 45	51 45	1	2 3	24 31	

H. K. H.K. Courses. Winds. Lec. Remarks. Thursday June 21-1835

1	2						Commenced with light breeze and
2	2						clouds at 10 AM spoke the
3	1						brig vessel of Salem & Spruce
4	1						booster from the side of main
5	1						bound to Rio Grande at 10 AM
6	2						to the south & eastward
7	2						at 8 AM about 2 miles dist
8	3						from sight speaking with ship
9	3						lightning took in and set the
10	3						light sail on fire
11	5						Running 2 miles in sight
12	5						and some distant
1	5						
2	5						
3	5						
4	5						
5	5						
6	5						
7	5						
8	5						
9	5						
10	5						
11	5						
12	5						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
54 35	120	0 7	3 2	51 07	51 00	1	3 3	23 58	

Channel from Mouth of

Shipping from Liverpool towards Manila

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.				
1	4		2 1/2 S	W		Commence with light breeze				
2	4		2 1/2 S	W		Light breeze				
3	4		2 1/2 S	W		Light breeze				
4	4		2 1/2 S	W		Light breeze				
5	3		2 1/2 S	W		Light breeze				
6	4		2 1/2 S	W		Light breeze				
7	3		2 1/2 S	W		Light breeze				
8	3		2 1/2 S	W		Light breeze				
9	3		2 1/2 S	W		Light breeze				
10	3		2 1/2 S	W		Light breeze				
11	3		2 1/2 S	W		Light breeze				
12	3		2 1/2 S	W		Light breeze				
1	3		2 1/2 S	W		Light breeze				
2	3		2 1/2 S	W		Light breeze				
3	3		2 1/2 S	W		Light breeze				
4	3		2 1/2 S	W		Light breeze				
5	3		2 1/2 S	W		Light breeze				
6	3		2 1/2 S	W		Light breeze				
7	3		2 1/2 S	W		Light breeze				
8	3		2 1/2 S	W		Light breeze				
9	3		2 1/2 S	W		Light breeze				
10	3		2 1/2 S	W		Light breeze				
11	3		2 1/2 S	W		Light breeze				
12	3		2 1/2 S	W		Light breeze				
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 5		17	38	28	5.21	5.21	0	57	23.58	23.58

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.				
1	4		2 1/2 S	W		Commence with light breeze and				
2	4		2 1/2 S	W		Light breeze				
3	4		2 1/2 S	W		Light breeze				
4	4		2 1/2 S	W		Light breeze				
5	3		2 1/2 S	W		Light breeze				
6	4		2 1/2 S	W		Light breeze				
7	3		2 1/2 S	W		Light breeze				
8	3		2 1/2 S	W		Light breeze				
9	3		2 1/2 S	W		Light breeze				
10	3		2 1/2 S	W		Light breeze				
11	3		2 1/2 S	W		Light breeze				
12	3		2 1/2 S	W		Light breeze				
1	3		2 1/2 S	W		Light breeze				
2	3		2 1/2 S	W		Light breeze				
3	3		2 1/2 S	W		Light breeze				
4	3		2 1/2 S	W		Light breeze				
5	3		2 1/2 S	W		Light breeze				
6	3		2 1/2 S	W		Light breeze				
7	3		2 1/2 S	W		Light breeze				
8	3		2 1/2 S	W		Light breeze				
9	3		2 1/2 S	W		Light breeze				
10	3		2 1/2 S	W		Light breeze				
11	3		2 1/2 S	W		Light breeze				
12	3		2 1/2 S	W		Light breeze				
<hr/>										
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 5		37	78	55	4.12	5.3	1	54	23.6	23.6

Summer Grace Master

Ship stopped from 1 in-march towards

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
511 70	25	+	2	5.15			4	23.00	

H.	K.	H.K.	Courses.	Winds.	Lcc.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
511 70	25	+	2	5.15			4	23.00	

from towards

from towards											
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.					
1	5		8/10	1/3		commences with fine weather and					
2	5					light clouds with all breeze					
3	5					in the afternoon					
4	5					in the afternoon					
5	5					in the afternoon					
6	5					in the afternoon					
7	5					in the afternoon					
8	5					in the afternoon					
9	5					in the afternoon					
10	5					in the afternoon					
11	5					in the afternoon					
12	5					in the afternoon					
1	5					in the afternoon					
2	5					in the afternoon					
3	5					in the afternoon					
4	5					in the afternoon					
5	5					in the afternoon					
6	5					in the afternoon					
7	5					in the afternoon					
8	5					in the afternoon					
9	5					in the afternoon					
10	5					in the afternoon					
11	5					in the afternoon					
12	5					in the afternoon					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8/10	1/3	1/3	1/3	1/3	1/3		1/3	1/3	1/3

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.					
1	5		8/10	1/3		commences with fine weather and					
2	5					light clouds with all breeze					
3	5					in the afternoon					
4	5					in the afternoon					
5	5					in the afternoon					
6	5					in the afternoon					
7	5					in the afternoon					
8	5					in the afternoon					
9	5					in the afternoon					
10	5					in the afternoon					
11	5					in the afternoon					
12	5					in the afternoon					
1	5					in the afternoon					
2	5					in the afternoon					
3	5					in the afternoon					
4	5					in the afternoon					
5	5					in the afternoon					
6	5					in the afternoon					
7	5					in the afternoon					
8	5					in the afternoon					
9	5					in the afternoon					
10	5					in the afternoon					
11	5					in the afternoon					
12	5					in the afternoon					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
8/10	1/3	1/3	1/3	1/3	1/3		1/3	1/3	1/3

towards

[illegible]

Sumner's Log

			from	towards						
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.				
1			S 30° W			commenced with strong breeze				
2				S. by E		and squally weather with rain				
3			S 30° W			hazy in and made sail as required				
4			S 30° W			at 10 AM in main top for better sail				
5						and for the first time				
6			S 30° W			at 10 AM in main top for better sail				
7						and for the first time				
8			S 30° W			at 10 AM in main top for better sail				
9						and for the first time				
10			S 30° W			at 10 AM in main top for better sail				
11						and for the first time				
12			S 30° W			at 10 AM in main top for better sail				
1						at night strong breeze and				
2						fair weather				
3						Morning breeze pleasant and				
4						the main top sail & flag with				
5						and pleasant				
6						at 10 AM in main top for better sail				
7						and for the first time				
8						at 10 AM in main top for better sail				
9			S 30° W			and for the first time				
10						at 10 AM in main top for better sail				
11			S 30° W			and for the first time				
12						at 10 AM in main top for better sail				
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 30° W		152	158	10	10.10		1	90	93.14	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.				
1						June 2 ^d , July 2 ^d 1833				
2						commenced with fine breeze				
3						and pleasant weather				
4						and for the first time				
5						at 10 AM in main top for better sail				
6						and for the first time				
7						at 10 AM in main top for better sail				
8						and for the first time				
9						at 10 AM in main top for better sail				
10						and for the first time				
11						at 10 AM in main top for better sail				
12						and for the first time				
1						at night strong breeze and				
2						fair weather				
3						Morning breeze pleasant and				
4						the main top sail & flag with				
5						and pleasant				
6						at 10 AM in main top for better sail				
7						and for the first time				
8						at 10 AM in main top for better sail				
9						and for the first time				
10						at 10 AM in main top for better sail				
11						and for the first time				
12						at 10 AM in main top for better sail				
Course.		Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 30° W		158	158	10	10.10	13.02	1	92	94.06	32.30

Samuel Grace Master of

This voyage from Liverpool towards Manila

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			1750	SE		Wednesday July 5
2						
3						
4						Commenced with fine weather
5			1800			and pleasant weather
6						all night until the 1st
7						of January
8						
9			1850	SE		
10						
11	8		1900	SE		
12	8					
1	2		1950			Monday 10th
2	2					
3	2		2000			
4	2					
5	1		2050			
6	2					
7	2		2100			End of 1st January
8	2					and fine pleasant weather
9	2		2150			Set by 11.15.22. 1st
10	2					
11	2		2200			
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1750	100	1 30	28	15 51	15 45		60	50 30	50 30

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			2250			Thursday July 12th
2						
3						Commenced with fine weather
4			2300			and pleasant weather
5						
6			2350			
7						
8			2400			Friday 13th
9						
10			2450			
11						
12						
1			2500			
2						
3						
4						
5						
6						
7			2550			
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
2250	100	1 30	28	15 51	15 45		60	50 30	50 30

Sumner's Journal 1853

from Cape Cod towards the north

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			28 W	22 N E		Commenced with some fog
2						and distant mountains
3						at mid night the stars appeared
4						
5						
6						
7			24 W			
8						
9						
10						Midnight - Pleasant
11						
12						
1	5	1	28 W			
2	5	1				
3	5	1	28 W			
4	5	1	28 W			
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1	12 W			Lat 42 20 15 - Long 71
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
514 W	133	109	32	20 15	20 15		34	71 45	71 45

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						Commenced with some fog
2						and distant mountains
3						at mid night the stars appeared
4						
5						
6						
7			24 W			
8						
9						
10						Midnight - Pleasant
11						
12						
1						
2						
3						
4						
5						
6						
7			24 W			
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
514 W	133	109	32	20 15	20 15		34	71 45	71 45

Sumner Grace Masterson

Ship Sapphir from Liverpool towards Madeira

50 masts

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE 5/8	SE 5/8		Commenced with light breezes
2	4			t		and fine pleasant weather
3	4					
4	4	/				all sail set to the best advantage
5	5	/		SE 5/8		
6	5	/				
7	5	/				
8	5	/				
9	5	/				Morning - pleasant
10	5	/				
11	5	/				
12	5	/				
1	5	/				into the same
2	5	/				
3	5	/				
4	5	/				
5	5	/				
6	5	/				
7	5	/				
8	5	/				
9	5	/				
10	5	/				Lat 30° 25' 54" South
11	5	/				
12	5	/				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 5/8	140	89	108	25° 14'	25° 54'		2° 00'	33° 02'	31° 05'

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE 5/8	SE 5/8		Commenced with light breeze
2	5					fine pleasant weather
3	5					
4	5					
5	4	/				
6	4	/				
7	5	/				
8	5	/				
9	5	/				Middle part pleasant
10	5	/				
11	5	/				
12	5	/				
1	5	/				
2	5	/				
3	5	/				
4	5	/				
5	5	/				
6	5	/				
7	5	/				
8	5	/				Lat 30° 25' 54" South
9	5	/				
10	5	/				
11	5	/				
12	5	/				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 5/8	151	84	120	27° 18'	27° 55'		1° 41'	30° 41'	28° 55'

Samuel Jones Master of

Ship *Supreme* from *Liverpool* towards *Manilla*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		SE 3/4 E	SW		
2	8					
3	8					
4	8					Commenced with fine gales and
5	8	1				passing clouds
6	8					
7	8					
8	8					
9	8					
10	7	1				
11	7	1		SW		Double port square
12	7	1				look in all that sails
1	7	1				
2	7					
3	7					
4	6					Morning then pleasant
5	5	1				set all about 10 miles again
6	5					
7	5					
8	5					with passing clouds
9	5					
10	5					set by the
11	5					
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 3/4 E	172	56	143	28.91	28.15	2	15 E	27.57	25.19

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		SE 3/4 E	SW		Commenced with fine gales
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE 3/4 E	172	56	143	28.91	28.15	2	15 E	27.57	25.19

Samuel J. ...

Ship ... from ... towards ...

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	+		SE	SW		commence with fine gales and
2	+					fine pleasant weather
3	+					
4	+					all in all to the best advantage
5	+					
6	+					
7	+					
8	+					
9	+	1				Middle and water
10	+					
11	+					
12	+					
1	+					
2	+					
3	+	1				
4	+					
5	+					
6	+					
7	+	1				
8	+	1				
9	+	1				
10	+	1				
11	+					
12	+					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	100	42	100	29.42			115	24.0	

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	+		SE	SW		commence with fine gales and
2	+					fine pleasant weather
3	+					
4	+					
5	+					
6	+					
7	+					
8	+					
9	+					
10	+					
11	+					
12	+					
1	+					
2	+					
3	+					
4	+					
5	+					
6	+					
7	+					
8	+					
9	+					
10	+					
11	+					
12	+					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	100	42	100	30.35			115	21.53	

Samuel Grace Norton Jr

Ship *Sagittarius* from *Liverpool* towards *Marilia* 5th July 1843

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4		SEB	SEB		Commenced with light breeze and
2	1					fine weather -
3	1					Every thing in the ship
4	1					and all hands at work
5	1					
6	5					
7	4					
8	1					
9	1					
10	1					Light breeze from
11	1					South
12	1					
1	1					
2	1					Light breeze from
3	1					South
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Lat.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SEB	12.3	28	10	12.3		1	1.55	19.18	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		SEB	SEB		Commenced with light breeze and
2	1					fine weather -
3	1					Every thing in the ship
4	1					and all hands at work
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					Light breeze from
11	1					South
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SEB	83	220	84	203	32.44		2.57	15.21	

Wet

Samuel Groce Master of

Ship sailing from *London* towards *St. Helena* 5th 1833

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			<i>Sl. S. E.</i>	<i>W. S. W.</i>		
2						Commenced with hard gale at 10 AM
3						
4						the wind hauled from S. to S. W. at 11 AM
5						
6						and heavy squalls
7						
8						at 1 PM set 1 reef from main
9						the sail and set the fore sail
10						
11						Midnight squally
12						
1						
2						
3						Morning more pleasant
4						and all reefs and set fore
5						fore top and set sail
6						and with staying down
7						
8						Lat 3. 34. 32 S.
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>Sl. S. E.</i>	<i>101</i>	<i>11</i>	<i>146</i>	<i>33 25</i>	<i>33 25</i>		<i>178</i>	<i>12. 25</i>	<i>12. 25</i>

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	<i>8</i>	<i>1</i>	<i>Sl. S. E.</i>	<i>S. W. W.</i>		
2	<i>8</i>					Commenced with strong breeze and
3	<i>8</i>					heavy weather at 4 PM took in
4	<i>8</i>	<i>1</i>				the fore sail at 5 PM double reefed
5	<i>8</i>					the top sail
6	<i>8</i>	<i>1</i>				
7	<i>8</i>	<i>1</i>				
8	<i>8</i>	<i>1</i>				
9	<i>8</i>	<i>1</i>				
10	<i>8</i>	<i>1</i>				
11	<i>8</i>	<i>1</i>				Midnight the same
12	<i>8</i>	<i>1</i>				
1	<i>8</i>					
2	<i>7</i>	<i>1</i>				Morning more pleasant and all
3	<i>7</i>	<i>1</i>				reefs and set the fore sail
4	<i>7</i>	<i>1</i>				
5	<i>7</i>	<i>1</i>				and with staying down
6	<i>7</i>					
7	<i>3</i>	<i>1</i>				
8	<i>2</i>					
9	<i>2</i>	<i>1</i>				Lat 4. 34. 02 S.
10	<i>2</i>	<i>1</i>				
11	<i>5</i>	<i>1</i>				
12	<i>5</i>	<i>1</i>				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>Sl. S. E.</i>	<i>171</i>	<i>65</i>	<i>158</i>	<i>34. 31</i>	<i>34. 32</i>	<i>1</i>	<i>191</i>	<i>8. 14</i>	

Journal of Grace M. ...

Ship ... from ... towards ... 60 days

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		126	North		Commenced with ...
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				
1	8				
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
126	126	78	126	35 38	35 17	1	2 31	5, 23	2, 23

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		126	North		Commenced with ...
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				
1	8				
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
126	192	90	192	36 04	35 30	1	2 15	1, 45	0, 45

Samuel G. Noe Master

Ship Sapphire from Liverpool towards Manila & Legent

H. K. H.K. Courses. Winds. Lee. Remarks. Sunday July 21-1839

1	5		SE by E	W. by N		Commenced with light gales and
2	4		SE by E	W. by N		standing with a large swell from
3	3		SE by E	W. by N		the W. S. W. - at 1 P.M. Drift
4	2	1	SE by E	W. by N		known from the S. West.
5	2		SE by E	W. by N		
6	2		SE by E	W. by N		
7	2		SE by E	W. by N		
8	2		SE by E	W. by N		
9	2	1	SE by E	W. by N		
10	5		SE by E	W. by N		Midnight strong breeze and
11	5	1	SE by E	W. by N		heavy weather took in top gallant
12	5	1	SE by E	W. by N		sail -
1	5	1	SE by E	W. by N		Morning - a breeze
2	5	1	SE by E	W. by N		at 11 A.M. - fore & main top
3	5	1	SE by E	W. by N		sails hoisted over double reefed
4	5	1	SE by E	W. by N		and with strong breeze and
5	5	1	SE by E	W. by N		
6	5	1	SE by E	W. by N		
7	5	1	SE by E	W. by N		
8	5	1	SE by E	W. by N		
9	5	1	SE by E	W. by N		
10	5	1	SE by E	W. by N		
11	5	1	SE by E	W. by N		
12	5	1	SE by E	W. by N		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE by E	135	50	112	34 31	35 39		139	2 39	3 41

H. K. H.K. Courses. Winds. Lee. Remarks. Monday July 22 1839

1	9	1	SE by E	W. by N		Commenced with strong breeze and
2	10		SE by E	W. by N		heavy weather at 2 P.M. took in
3	10		SE by E	W. by N		top gallant sails at 4 in fore & main
4	9	1	SE by E	W. by N		sail at 7 P.M. the gale increasing
5	9	1	SE by E	W. by N		Adverse reefed the fore & main top
6	9	1	SE by E	W. by N		sails, hauled the fore & main top
7	9	1	SE by E	W. by N		and reefed the fore sail
8	9	1	SE by E	W. by N		Midnight strong gales and
9	9	1	SE by E	W. by N		thick heavy weather wind shifted
10	9	1	SE by E	W. by N		in S. heavy squalls from S. E. &
11	9	1	SE by E	W. by N		to W. S. W. took in main top sail
12	9	1	SE by E	W. by N		& fore sail from 12 to 4 morning -
1	9	1	SE by E	W. by N		morning pleasant - made sail again
2	9	1	SE by E	W. by N		
3	9	1	SE by E	W. by N		
4	9	1	SE by E	W. by N		
5	9	1	SE by E	W. by N		
6	9	1	SE by E	W. by N		
7	9	1	SE by E	W. by N		
8	9	1	SE by E	W. by N		
9	9	1	SE by E	W. by N		
10	9	1	SE by E	W. by N		
11	9	1	SE by E	W. by N		
12	9	1	SE by E	W. by N		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					35 30				7 00 East

Journal of Grace Martin

Ship <i>Stephen</i> from <i>Lancaster</i> towards <i>Manilla</i>										
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks. <i>Tuesday July 23 1833</i>				
1						<i>Commenced with light breeze at 10 o'clock water set in at</i>				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11						<i>Midnight being dark at 1 o'clock generally in the water & wind & rain breeze from the West the vessel was then blown to the 23rd 12 o'clock</i>				
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	
<i>170</i>	<i>129</i>	<i>53</i>	<i>125</i>	<i>25 21</i>	<i>27 55</i>	<i>2</i>	<i>187</i>		<i>9 55</i>	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks. <i>Wednesday July 24 1833</i>				
1						<i>Commenced with light breeze in sea breeze from the West at 1 o'clock at 10 o'clock at 11 o'clock at 12 o'clock from 12 o'clock in the afternoon main sail & a rose sail at the top sail at 3 o'clock midnight the vessel was blown to the 23rd 12 o'clock</i>				
2										
3										
4										
5										
6										
7										
8										
9										
10										
11						<i>At 1 o'clock at 12 o'clock from 12 o'clock in the afternoon main sail & a rose sail at the top sail at 3 o'clock midnight the vessel was blown to the 23rd 12 o'clock at 1 o'clock at 12 o'clock from 12 o'clock in the afternoon main sail & a rose sail at the top sail at 3 o'clock midnight the vessel was blown to the 23rd 12 o'clock</i>				
12										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	
<i>170</i>	<i>121</i>	<i>54</i>	<i>125</i>	<i>25 13</i>	<i>27 55</i>	<i>2</i>	<i>187</i>		<i>9 55</i>	

Samuel Grace Master

Ship Sapphine from Liverpool towards Manila

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					commence with hard gales and frequent
2	1					heavy squalls attended with rain & hail
3	1					
4	1					at 2 o'clock took in Main top sail
5	1					
6	1					at 4 o'clock took in Main top sail
7	1					at 4 o'clock took in Main top sail
8	1					at 4 o'clock took in Main top sail
9	1					at 4 o'clock took in Main top sail
10	1					at 4 o'clock took in Main top sail
11	1					at 4 o'clock took in Main top sail
12	1					at 4 o'clock took in Main top sail
1	1					at 4 o'clock took in Main top sail
2	1					at 4 o'clock took in Main top sail
3	1					at 4 o'clock took in Main top sail
4	1					at 4 o'clock took in Main top sail
5	1					at 4 o'clock took in Main top sail
6	1					at 4 o'clock took in Main top sail
7	1					at 4 o'clock took in Main top sail
8	1					at 4 o'clock took in Main top sail
9	1					at 4 o'clock took in Main top sail
10	1					at 4 o'clock took in Main top sail
11	1					at 4 o'clock took in Main top sail
12	1					at 4 o'clock took in Main top sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 79 E	100	72	17	20 51	20 30		2 28		17 28

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					commence with strong gales and
2	1					spreading set close reefed Main top sail
3	1					
4	1					at 1 o'clock took in Main top sail
5	1					at 1 o'clock took in Main top sail
6	1					at 1 o'clock took in Main top sail
7	1					at 1 o'clock took in Main top sail
8	1					at 1 o'clock took in Main top sail
9	1					at 1 o'clock took in Main top sail
10	1					at 1 o'clock took in Main top sail
11	1					at 1 o'clock took in Main top sail
12	1					at 1 o'clock took in Main top sail
1	1					at 1 o'clock took in Main top sail
2	1					at 1 o'clock took in Main top sail
3	1					at 1 o'clock took in Main top sail
4	1					at 1 o'clock took in Main top sail
5	1					at 1 o'clock took in Main top sail
6	1					at 1 o'clock took in Main top sail
7	1					at 1 o'clock took in Main top sail
8	1					at 1 o'clock took in Main top sail
9	1					at 1 o'clock took in Main top sail
10	1					at 1 o'clock took in Main top sail
11	1					at 1 o'clock took in Main top sail
12	1					at 1 o'clock took in Main top sail

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 84 E	180	18	17	39 58	39 51		2 31		21 37

towards

[illegible]

from *San Francisco* *towards* *San Pedro de Macoris*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.					
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.					
1			<i>Lat. 4° 12'</i>			<i>San Pedro de Macoris</i>					
2						<i>San Pedro de Macoris</i>					
3						<i>San Pedro de Macoris</i>					
4						<i>San Pedro de Macoris</i>					
5						<i>San Pedro de Macoris</i>					
6						<i>San Pedro de Macoris</i>					
7						<i>San Pedro de Macoris</i>					
8						<i>San Pedro de Macoris</i>					
9						<i>San Pedro de Macoris</i>					
10						<i>San Pedro de Macoris</i>					
11						<i>San Pedro de Macoris</i>					
12						<i>San Pedro de Macoris</i>					
1						<i>San Pedro de Macoris</i>					
2						<i>San Pedro de Macoris</i>					
3						<i>San Pedro de Macoris</i>					
4						<i>San Pedro de Macoris</i>					
5						<i>San Pedro de Macoris</i>					
6						<i>San Pedro de Macoris</i>					
7						<i>San Pedro de Macoris</i>					
8						<i>San Pedro de Macoris</i>					
9						<i>San Pedro de Macoris</i>					
10						<i>San Pedro de Macoris</i>					
11						<i>San Pedro de Macoris</i>					
12						<i>San Pedro de Macoris</i>					
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
58/5			181	50	278	9 23	2930		270		132 21

from *12 miles* *towards* *11 miles*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					
2	2					
3	3					
4	4					
5	5					
6	6					
7	7					
8	8					
9	9					
10	10					
11	11					
12	12					
1	1					
2	2					
3	3					
4	4					
5	5					
6	6	1				
7	7	1				
8	8	1				
9	9	1				
10	10	1				
11	11	1				
12	12	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12	12		112	39 42	39 30	12 12	274		73 43

from *12 miles* *towards* *11 miles*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					
2	2					
3	3					
4	4					
5	5	1				
6	6	1				
7	7	1				
8	8	1				
9	9	1				
10	10	1				
11	11	1				
12	12	1				
1	1					
2	2	1				
3	3	1				
4	4	1				
5	5	1				
6	6	1				
7	7	1				
8	8	1				
9	9	1				
10	10	1				
11	11	1				
12	12	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12	12	2 12	112	39 42	39 30	12 12	274		73 43

from <i>London</i> towards <i>London 76</i>									
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks. <i>London 76</i>			
1	8					<i>London 76</i>			
2	8								
3	8								
4	8								
5	8					<i>London 76</i>			
6	8								
7	8								
8	8								
9	8					<i>London 76</i>			
10	8								
11	8								
12	8								
1	8					<i>London 76</i>			
2	8								
3	8								
4	8								
5	8					<i>London 76</i>			
6	8								
7	8								
8	8								
9	8					<i>London 76</i>			
10	8								
11	8								
12	8								
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>London 76</i>	<i>76</i>	<i>11</i>	<i>11</i>	<i>34 55</i>	<i>34 55</i>		<i>55</i>		

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks. <i>London 76</i>			
1						<i>London 76</i>			
2									
3									
4									
5						<i>London 76</i>			
6									
7									
8									
9						<i>London 76</i>			
10									
11									
12									
1						<i>London 76</i>			
2									
3									
4									
5						<i>London 76</i>			
6									
7									
8									
9						<i>London 76</i>			
10									
11									
12									
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>London 76</i>	<i>76</i>	<i>11</i>	<i>11</i>	<i>34 55</i>	<i>34 55</i>		<i>55</i>		<i>55 58</i>

Journal of the Master of

Ship *Supplero* from *Liverpool* towards *Manila* 82

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	6th S	8th W		Commenced with strong breeze and
2	1	1				driving clouds at the main
3	1	1				top of the main
4	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
5	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
6	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
7	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
8	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
9	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
10	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
11	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
12	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
1	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
2	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
3	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
4	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
5	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
6	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
7	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
8	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
9	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
10	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
11	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
12	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
6th S	200	39	10	38 14	38 01	24	244		

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	6th S	8th W		Commenced with moderate breeze
2	1	1				and driving clouds at the main
3	1	1				top of the main
4	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
5	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
6	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
7	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
8	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
9	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
10	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
11	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
12	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
1	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
2	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
3	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
4	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
5	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
6	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
7	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
8	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
9	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
10	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
11	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th
12	1	1				at 8th 10th 12th 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th 11th 12th

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
6th S	180	51	190	37 16	37 29		214		36 53

Samuel Grace Master of

the ship from Liverpool towards Manila 1844

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		130	130		Monday August 12 1844
2	1					
3	1					
4	1					
5	1		130	130		Left Liverpool at 2 30 AM. Had
6	1					the coast of N. - Wind's blowing
7	1					back by land - long 40 miles
8	1					at 11 AM. had 1000 fathoms
9	1					at 11 AM. had 1000 fathoms
10	1					at 11 AM. had 1000 fathoms
11	1					at 11 AM. had 1000 fathoms
12	1					at 11 AM. had 1000 fathoms
1	1					at 11 AM. had 1000 fathoms
2	1					at 11 AM. had 1000 fathoms
3	1					at 11 AM. had 1000 fathoms
4	1					at 11 AM. had 1000 fathoms
5	1					at 11 AM. had 1000 fathoms
6	1					at 11 AM. had 1000 fathoms
7	1					at 11 AM. had 1000 fathoms
8	1					at 11 AM. had 1000 fathoms
9	1					at 11 AM. had 1000 fathoms
10	1					at 11 AM. had 1000 fathoms
11	1					at 11 AM. had 1000 fathoms
12	1					at 11 AM. had 1000 fathoms

Course.	Lat.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
130	17 1/2	5 1/2	16 1/2	35 1/2	35 1/2		1 1/2		83 31

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		130	130		Tuesday August 13 1844
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
130	16 1/2	5 1/2	14 1/2	35 1/2	35 1/2		1 1/2		83 31

Samuel Groce Master of

Ship *Supper* from *London* towards *Manila* 18 *June*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4		East	South		Commenced with light breeze
2	3	1				and cloudy weather
3	3	1				and set by the land
4	4					at 11 AM in fore to port the wind
5	4					
6	1					
7	2					
8	2					
9	2					
10	1		at 11			at 11 AM light breeze and
11						driving clouds
12						
1	1					
2	1					
3	2					
4	2					
5	2					
6	4					
7	5					
8	5					
9	4					
10	4					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
145	25	34	45	34 45	34 11	2 1/2	55		14 55

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6		East	South		Commenced with light breeze
2	5					and cloudy weather
3	4	1				and set by the land
4	5					
5	5					
6	5					
7	5					
8	5					
9	8	1				
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
145	115	14	144	34 17	34 53	2 1/2	174		87 24

General Logbook of

Ship *Sapphire* from *Louisiana* towards *Wambla* 8th 2nd 1833

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		24 3			
2	1					
3	1		25 0			Commences with fresh breeze
4	1					and shifting clouds
5	1		22 8			
6	1					back out near in the top sails
7	1		24 0			at 6 o'clock back in the fore
8	1					and driven by gullent sails
9	1					
10	1					
11	1					
12	1					
1	2					At 11 o'clock strong breeze
2	2					and cloudy
3	2					morning breeze at 1 o'clock
4	2					set the top by sails
5	2					with the breeze in the fore
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
24 3	151	09	110	3 49	33 54		202		90 41

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1		24 8			
2	1		25 0			Commences with fresh breeze
3	1					and shifting clouds at 11 o'clock
4	1		25 8			back in the fore
5	1					at 12 o'clock in the fore
6	1					strong breeze and cloudy
7	1					at 1 o'clock back in the fore
8	1					spunkier & jib
9	1					at 10 o'clock caught the breeze
10	1					
11	1					
12	1					
1	2					back with strong breeze
2	2					and cloudy
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
24 8	170	13	121	32 30	20 01		180		

Journal of the Ship "Thetis"

Ship *Thetis* from *London* towards *London* 9th August

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
083 25	197	4	10	3 50	41 16		114		98 10

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
085 2	127	1	9	29 30	29 27		104		98 17

from *London* towards *Wandsworth*

Il.	K.	Il. K.	Courses.	Winds.	Lee.	Remarks.
1			1038	East		
2						
3						Commenced with the rain
4						cloudy all the way
5						
6			1040			
7						1000 taken in the morning
8			1038			
9			1036			
10			1032			The night light was in
11						cloudy with
12						
1			1038			Heavy with rain
2						
3						The rain let up but still
4						drizzled light but not
5						clear
6						
7						
8			1038			
9			1032			Light fog, rain 1040
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dir. Long.	Long. in.	Long. by Ob.
1038	112	18	5	68 19	2741		75		19 57

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Wednesday, August 21-1855
2						
3						Commenced with light winds and
4						calm at 10 A.M.
5						
6						
7						
8						
9						
10						Went by 10 A.M.
11						and returned at
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						Left by 10 A.M.
11						
12						

Samuel Cowen Master of

Ship *Supper* from *San Pedro* towards *Marilla* 94 degrees

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	8		88	SE		<p>Thursday August 22 1853</p> <p>Commence with ^{fine} breezes and rising clouds all sail set by the Point -</p> <p>Marilla Boat 4. and</p> <p>Encounter a good breeze at 10 fine pleasant weather</p> <p>Left Bay 11 24.55 sail</p>
2	8					
3	8					
4	8					
5	5					
6	5					
7	5					
8	5					
9	4	1				
10	4					
11	4	1				
12	5					
1	5		88			
2	5					
3	8					
4	8					
5	5					
6	5	1				
7	5	1				
8	5	1				
9	7					
10	7					
11	7					
12	7					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
88	128	75	1.3	25 0	24.57		115		122.55

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	8		88	SE		<p>Friday August 23 1853</p> <p>Run in with fine gales and rising clouds -</p> <p>at 1 P.M. set started fine breeze that sail at 2 P.M. set fair breeze</p> <p>Marilla Boat fine gales and rising clouds set sail started the sails</p> <p>had met good breeze and cloudy weather</p>
2	8					
3	8					
4	8					
5	8					
6	8					
7	8		8 East			
8	8					
9	8	1				
10	8	1				
11	8					
12	8					
1	8		8 South	SE		
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
88	194	179	73	21.58			80		

Samuel George Martin of

Ship Saff here from Liverpool towards Manila

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	South	SE		Commenced with fine weather
2	1	1		SE		and cloudy weather
3	1	1		SE		
4	1	1		SE		
5	1	1		SE		
6	1	1		SE		at 7 AM in all at 5 miles
7	1	1		SE		
8	1	1		SE		at 12 Midnight took in for a
9	1	1		SE		myer for fullent sails then
10	1	1		SE		sail & down and see the water
11	1	1		SE		kind
12	1	1		SE		at 2 AM more sky -
1	1	1	SE			Heavy rain all sail again
2	1	1				
3	1	1				
4	1	1				
5	1	1				
6	1	1	North			
7	1	1				and with pleasant weather
8	1	1				
9	1	1				
10	1	1				Lat of Obs 20 00 South
11	1	1				
12	1	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	137	138	1	19 40	20 00		7		123 03

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	SE	SE		Commenced with fine weather and Breeze
2	1	1	SE	SE		and the morning Easterly
3	1	1		SE		took in all at 5 miles -
4	1	1		SE		
5	1	1		SE		
6	1	1		SE		
7	1	1		SE		
8	1	1		SE		
9	1	1		SE		
10	1	1		SE		with the cloudy
11	1	1		SE		
12	1	1		SE		
1	1	1		SE		Heavy at the fore and main
2	1	1		SE		and rain for fullent at 5 miles
3	1	1		SE		
4	1	1		SE		
5	1	1		SE		
6	1	1		SE		
7	1	1		SE		and with pleasant weather
8	1	1		SE		
9	1	1		SE		
10	1	1		SE		
11	1	1		SE		Lat by Obs 17 00 South
12	1	1		SE		

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	193	162	105	17 18	17 00		11		105 00

Journal of the Voyage

Ship *Supplie* from *Europe* towards *Hawaii* 1832

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1	8		SE	Trade		
2	8					
3	8					Commenced with these trades
4	8					and here a violent squall
5	8					all sail set to the best advantage
6	8					from 3 to 4 knots in the afternoon
7	8					
8	8					
9	8					
10	8					The night cloudy
11	8					at 2 in Main Rig and 4 flying jib
12	8					
1	8					
2	8					
3	8					at 2 still set flying jib
4	8					and Main Rig
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	199	176	21	14 13	14 31		18		145 45

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1	6		SE	Trade		
2	7					Commenced with these trades and
3	7					steering course
4	7					
5	7					
6	7					
7	7					
8	7					
9	8					
10	8					
11	8					
12	8					
1	8					
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	175	153	84	11 55	11 55		87		147 15

Ship Captain from *1* vessel towards Manila 100

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	8		87 28	1st part		
2	8		83 8			comes in with the tide and
3	8	/				drags out west.
4	8	/				
5	8	/				
6	8	/				set fore top Mast and sail
7	8					
8	8					
9	8					
10	8					Profile of the ship's track
11	8					
12	8					
1	8					
2	8			2nd		at 10. Tell of the ship's
3	8	/				ground slowly and
4	8	/				
5	8	/				
6	8	/				
7	8	/				
8	8	/				
9	8	/				
10	8	/				
11	8	/				
12	8	/				

Course.	Dist.	Lat. Lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
57 7	210	205	27	S. 23			28		

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.
						August 29 1850

[illegible][illegible]

towards

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.
1						
2						
3						
4						
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7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
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7						
8						
9						
10						
11						
12						

towards

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						Saturday - Sept 7 - 1893
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
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4						
5						
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7						
8						
9						
10						
11						
12						

[illegible]

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Sunday sep. 8 - 1832</i>
2						
3						
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11						
12						

[illegible]

from

towards

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Manda 3
2						
3						
4						
5						
6						
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8						
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9						
10						
11						
12						

[illegible]

towards

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
						Wednesday Sept 11-1833
1						
2						
3						
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5						
6						
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5						
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7						
8						
9						
10						
11						
12						

[illegible]

H.	K.	H.K.	Courses.	Winds.	Lcc.	Remarks.
1						Thurs. Dec. 2 Sept 12 - 1833
2						
3						
4						
5						
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12						

[illegible]

from

towards

[illegible][illegible]

towards

[illegible]

towards

[illegible][illegible]

towards

[illegible]

towards

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						<i>Sailed 20th 21st 1863.</i>
2						
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12						
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10						
11						
12						

[illegible]

H.	K.	H. K.	Courses.	Winds.	Loc.	Remarks.
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11						
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1						
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7						
8						
9						
10						
11						
12						

[illegible]

towards

H.	K.	H.K.	Courses.	Winds.	Lce.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
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11						
12						

Sunday Sept-24-1833

[illegible]

towards

[illegible]

from

towards

[illegible][illegible]

towards

[illegible]

towards

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						Munday, November 18 1853
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

H.	K.	H.K.	Courses.	Winds.	Lcc.	Remarks.
1						
2						
3						
4						
5						
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7						
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10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

from

towards

H.	K.	H. K.	Courses.	Winds.	Lce.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
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9						
10						
11						
12						

Group.	Lat.	Long. by D. R.	Long. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lzc.	Remarks.
1						
2						
3						
4						
5						
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10						
11						
12						

[illegible]

towards

H.	K.	H.K.	Courses.	Winds.	Lce.	Remarks.
1						Saturday November 23-1889
2						
3						
4						
5						
6						
7						
8						
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11						
12						
1						
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3						
4						
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11						
12						

from

towards

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.				
1										
2										
3										
4										
5										
6										
7										
8										
9										
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11										
12										
1										
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5										
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7										
8										
9										
10										
11										
12										
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.				
1										
2										
3										
4										
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6										
7										
8										
9										
10										
11										
12										
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	

towards

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12

1

towards

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
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2						
3						
4						
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8						
9						
10						
11						
12						

towards

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
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6						
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towards

[illegible]

towards

[illegible][illegible]

towards

[illegible][illegible]

from						towards	
H. K.	H. K.	Courses.	Winds.	Lee.	Remarks.		
1							
2							
3							
4							
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7							
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11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						Since we went here and
2						and staying a while
3						at last we got
4						what we have been
5						looking for
6						the place
7						and we are
8						now
9						at the place
10						and we are
11						now
12						at the place
1						and we are
2						now
3						at the place
4						and we are
5						now
6						at the place
7						and we are
8						now
9						at the place
10						and we are
11						now
12						at the place

Remains from March 1833

Ship from Panama towards

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		S.W.	SE		
2	5					
3	5					Commenced with fine weather
4	5					and clear & pleasant weather
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					Running at 10 knots
11	5					
12	5					
1	5					
2	5					
3	5					Running at 10 knots
4	5					and good weather
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					Lat 34 24 35
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
									100 15 5

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		S.W.	SE		
2	5					
3	5					Comer in with good
4	5					weather and pleasant
5	5					weather
6	5					
7	5					
8	5					all night at advantage
9	5					
10	5					
11	5					Lat 34 24 35
12	5					Lat 34 24 35
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					Lat 34 24 35
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					11 1/4				18 52

3 Days from the Straits

Samuel Ignace Marking

Ship Sappho from Manila towards Salem

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.																				
1	5					Saturday Dec 14 th 1853																				
2	5					Commences with fine breeze																				
3	5					and pleasant weather																				
4	5					at the same time																				
5	5																									
6	5																									
7	5																									
8	5																									
9	5					Midnight - strong breeze																				
10	5																									
11	5																									
12	5																									
1	5					at 10 P.M. Rain too																				
2	5					much - but still																				
3	5					kind pleasant with all sail																				
4	5					set																				
5	5																									
6	5																									
7	5																									
8	5																									
9	5					Lat by the Moon and																				
10	5																									
11	5																									
12	5																									
<table><tr><th>Course.</th><th>Dist.</th><th>Dif. lat.</th><th>Dep.</th><th>Lat. by D. R.</th><th>Lat. by Ob.</th><th>Varia.</th><th>Dif. Long.</th><th>Long. in.</th><th>Long. by Ob.</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td>11.22</td><td></td><td></td><td></td><td>16.39</td></tr></table>							Course.	Dist.	Dif. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dif. Long.	Long. in.	Long. by Ob.						11.22				16.39
Course.	Dist.	Dif. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dif. Long.	Long. in.	Long. by Ob.																	
					11.22				16.39																	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.																				
1	5		Wester	S. East		Commences with fine breeze																				
2	5					and fine clear weather all																				
3	5					kind - but still																				
4	5																									
5	5																									
6	5																									
7	5																									
8	5																									
9	5																									
10	5					At 10 P.M. Rain too																				
11	5					much - but still																				
12	5					kind pleasant with all sail																				
1	5					set																				
2	5																									
3	5																									
4	5																									
5	5																									
6	5																									
7	5																									
8	5																									
9	5																									
10	5																									
11	5																									
12	5																									
<table><tr><th>Course.</th><th>Dist.</th><th>Dif. lat.</th><th>Dep.</th><th>Lat. by D. R.</th><th>Lat. by Ob.</th><th>Varia.</th><th>Dif. Long.</th><th>Long. in.</th><th>Long. by Ob.</th></tr><tr><td>S. 8. E.</td><td>15.4</td><td></td><td>15.3</td><td>12.22</td><td>12.20</td><td></td><td>15.0</td><td>14.27</td><td>15.00</td></tr></table>							Course.	Dist.	Dif. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dif. Long.	Long. in.	Long. by Ob.	S. 8. E.	15.4		15.3	12.22	12.20		15.0	14.27	15.00
Course.	Dist.	Dif. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dif. Long.	Long. in.	Long. by Ob.																	
S. 8. E.	15.4		15.3	12.22	12.20		15.0	14.27	15.00																	

5 Days from Singapore

Samuel Grace Master of

Ship Sapphire from Manila towards Salem

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	6	1	N. 57 W	ESE		Commenced with good breeze and fine pleasant weather all sail set to the best advantage
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				While that passing clouds with rain - at 10 AM ship bearing to the South & by wind - and pleasant
12	6	1				
1	6	1				
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	5					Lat 5 (the 13.18 south)
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 77 W	150	57	128	13.27	13.18		1.12	116.45	116.12

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		N 57 W	ESE		Comes in with fine gales and passing clouds
2	5					
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				Wind night & above and pleasant
12	6	1				
1	6	1				
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5					Lat 5 (the 13.18 south)
10	5					
11	5					
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
S 68 W	133	57	123	14.07	13.48		1.12	89.38	89.12

7 days from Manila

Samuel Spruce Master of

Ship, up the from Manila towards Salcedo

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		155	48		Commences with light breeze and fine pleasant weather all sail set before 10 AM
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					Richard H. Captain Spruce
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
155	15	45	10	14 54	14 54		113		85 45

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5		155	48		Commences with light breeze and fine pleasant weather all sail set before 10 AM
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					Richard H. Captain Spruce
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
155	15	45	10	15 00	15 00		113		85 50

9

Canoe from ... towards ...

<i>Ship ... from ... towards ...</i>											
H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks. <i>Friday Dec 20 - 1893</i>					
1	6					<i>Commenced with fine ... under and ... weather</i>					
2	6										
3	6										
4	6										
5	6										
6	6										
7	6										
8	6										
9	6										
10	6										
11	8					<i>Under & further ... the same</i>					
12	8										
1	8										
2	8										
3	8										
4	8										
5	8										
6	8										
7	8										
8	8										
9	8										
10	8										
11	8										
12	8										

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
87 57	121	49	104	18 25	18 45		170	82 21	82 53

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks. <i>Saturday Dec 21 - 1893</i>					
1	7					<i>Commenced with fine good trades and ... all morning with ...</i>					
2	7										
3	7										
4	7										
5	7										
6	7										
7	7										
8	7										
9	7										
10	7										
11	7					<i>Under & further ... the same</i>					
12	7										
1	7										
2	7										
3	7										
4	7										
5	7										
6	7										
7	7										
8	7										
9	7										
10	7										
11	7										
12	7										

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
87 57	121	03	151	17 48	17 45		178		80 07

4.1

from *Marine* *towards*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Thomson George Master of

Ship <i>Thomson</i> from <i>Barbados</i> towards <i>London</i>						
H.	K.	H.K.	Courses.	Winds.	Lce.	Remarks.
1	7					
2	5					
3	5					
4	7					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>S 60 W</i>	<i>33</i>	<i>55</i>	<i>57</i>	<i>21 31</i>	<i>21 31</i>			<i>18</i>	<i>21 31</i>

H.	K.	H.K.	Courses.	Winds.	Lce.	Remarks.
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>S 55 W</i>	<i>111</i>	<i>42</i>	<i>122</i>	<i>21 31</i>	<i>21 31</i>		<i>190</i>		<i>70 48</i>

15

James & Grace Martin

My departure from Sumatra towards Java

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5					Commenced with light breeze
2	5					and pleasant weather all
3	5					the way.
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					Received light breeze and
11	5					pleasant weather.
12	5					
1	5					
2	5					
3	5					at 10 AM we were at anchor
4	5					about 10 miles.
5	5					
6	5					at 11 AM we sailed
7	5					to the S. by E. bearing
8	5					of the S. by E. Cape of
9	5					Sumatra about 10 miles
10	5					and did not reach
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5					Commenced with light breeze
2	5					and pleasant weather
3	5					all the way.
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					Received light breeze
11	5					and pleasant weather
12	5					
1	5					Commenced with light breeze
2	5					and pleasant weather
3	5					all the way.
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

17 miles to the S. by E. of Sumatra

Ship Sapphine from *Manilla* towards *Salem*

II. K. H.K. Courses. Winds. Lec. Remarks. *Saturday Dec. 28-1835*

1	6		<i>W 1/2 S</i>	<i>E 8 E</i>		<i>Commences with fresh breeze and Pleasant Weather all sail set to advantage Midnight Pleasant Ends with strong clouds Lat by Obs 23 43 south</i>
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	5	1				
2	5	1				
3	5	1				
4	5	1				
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					<i>23 43</i>				<i>14 43</i>

H. K. H.K. Courses. Winds. Lec. Remarks. *Sunday Dec 29-1835-*

1	5		<i>W 1/2 S</i>	<i>E 8 E</i>		<i>Commences with fresh breeze and cloudy at 1 P.M. Heavy rain took in all stand sails and top sails fore & mizen top gallant sails at 2 P.M. fine clear weather set all sail again Ends with strong breeze breeze and fine weather Lat by Obs</i>
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	4	1				
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	4	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					<i>24 3</i>				<i>62 28</i>

*17.00 from the Straits
of Sumatra*

Samuel Green Master

by Capt. Green from Manila towards London, 1833

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		W 8			Commences with light breezes and
2	3		W 8			forming clouds
3	4			ESE		
4	5					at 8 P.M. took in top gallant
5	6					studd. sail. and fore & main
6	7					Angels
7	8					
8	9					
9	10					
10	11					
11	12					
12	1					
1	2					
2	3					
3	4					
4	5					
5	6					
6	7					
7	8					
8	9					
9	10					
10	11					
11	12					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					24 44				59 55

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2		W 8			Commences with light breezes and
2	3		W 8			forming clouds
3	4					
4	5					
5	6					
6	7					
7	8					
8	9					
9	10					
10	11					
11	12					
12	1					
1	2					
2	3					
3	4					
4	5					
5	6					
6	7					
7	8					
8	9					
9	10					
10	11					
11	12					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					25 25				59 55

at day from the Straits of India

Samuel Lynce Master of

Ship Sapphine from Manilla towards Salem 1834

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	0		West	SE		Commences with a good breeze
2	0	1				and fine pleasant weather
3	0	1				all sail set before
4	0					the wind
5	0					
6	0					
7	0					
8	0					
9	0					
10	0					Midnight & latter part
11	0					of fine clouds -
12	0					
1	0					
2	0					
3	0	1				Lat 34, 35, 36, 37
4	0	1				
5	0	1				
6	0	1				
7	0	1				
8	0	1				
9	0	1				
10	0	1				
11	0	1				
12	0	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					26.21				74.22

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	0		West	SE		Commences with a fine breeze
2	0					and drifting clouds
3	0					all sail set before the
4	0					Wind
5	0					
6	0					
7	0					
8	0					
9	0					Midnight clouds
10	0					
11	0					Morning pleasant
12	0					
1	0					
2	0					Ends with a fine breeze
3	0					and good weather
4	0					
5	0					
6	0					
7	0					
8	0	1				Lat 36, 37, 38
9	0	1				
10	0					
11	0					
12	0					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					26.34				71.40

26 Days from the Straits of Sundra

Sumner & Grace

Ship Sappho from Manila towards London

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

85 Days from the mouth of the river

Samuel Green's Voyage

Ship sailed from Manila towards Sulu

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	8		W 5 N			commenced with strong breeze
2	8					land at 10.30. The weather
3	8			SE 5		the rain came on in the
4	8					evening
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W 5 N	17.	12	1.15		8.30		15.8		8.30

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1		W 5 N			commenced with light breeze and
2	1					drizzly weather at 3.30 the rain
3	2			NE 5		changed to the westward hauled
4	1					all about mid at 4.30
5	1					at 5.30 a breeze with heavy weather
6	1					drizzle in the forenoon at 6.30
7	5					drizzle continued
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
				8.30				8.30	

at 7.30 in the Strait

Samuel, of course, Master of

Ship *Sapphine* from *Manilla* towards *Salem* 1880

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		233	South		Commence with strong gales and
2	1		233			heavy weather at 11 AM. vessel
3	5					the force but not the direction
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					At 11 AM. vessel was
11	5					the storm too and a little
12	5					at 1 PM. vessel was
1	5					the storm too and a little
2	5					at 1 PM. vessel was
3	5					the storm too and a little
4	5					at 1 PM. vessel was
5	5					the storm too and a little
6	5					at 1 PM. vessel was
7	5					the storm too and a little
8	5					at 1 PM. vessel was
9	5					the storm too and a little
10	5					at 1 PM. vessel was
11	5					the storm too and a little
12	5					at 1 PM. vessel was

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
233	10	14	68		27.44				33.44

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		233	South		Commence with strong gales and
2	1		233			heavy weather at 11 AM. vessel
3	5					the force but not the direction
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					At 11 AM. vessel was
11	5					the storm too and a little
12	5					at 1 PM. vessel was
1	5					the storm too and a little
2	5					at 1 PM. vessel was
3	5					the storm too and a little
4	5					at 1 PM. vessel was
5	5					the storm too and a little
6	5					at 1 PM. vessel was
7	5					the storm too and a little
8	5					at 1 PM. vessel was
9	5					the storm too and a little
10	5					at 1 PM. vessel was
11	5					the storm too and a little
12	5					at 1 PM. vessel was

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
233	10	14	68		27.44		8		33.44

29 days from *Manilla* to *Salem*

Salem Greece Mission

ship departure from *Manila* towards *Salem*

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1	2		23.7			<i>Comes in with light breeze and the rest is after - all sail set by the main</i>
2	2					
3	2		23.5			
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	3					
12	3					
1	2					<i>The next light breeze coming across at 4 o'clock the top sheet was let down - the sails were set and the ship went on - the wind was from the north and the ship was under way</i>
2	2					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
23.7	51	31	47	2. 15	2. 15	2. 15	5		35

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1	2		23.5			<i>Commenced with fine breeze and at 1 o'clock set a light at 4 o'clock the top sheet was let down - the sails were set and the ship went on - the wind was from the north and the ship was under way</i>
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					<i>The next light breeze coming across at 4 o'clock the top sheet was let down - the sails were set and the ship went on - the wind was from the north and the ship was under way</i>
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
23.5	111	11	63	2. 15	2. 15	2. 15	5		34.3

Station 2 - Green Point

from *Green Point* *towards* *Station*

H.	K.	IL K.	Courses.	Winds.	Lec.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Station 3 - Green Point

H.	K.	IL K.	Courses.	Winds.	Lec.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Station 4 - Green Point

from ... towards ...

<i>from ... towards ...</i>											
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	<i>Monday January 30 - 1847</i>				
1	2					<i>comes in with light wind ...</i>					
2	2										
3		2									
4		2									
5		2									
6		2									
7		2									
8		2									
9		2									
10		2									
11		2									
12		2									
1		2				<i>comes in with light wind ...</i>					
2		2									
3		2									
4		2									
5		2									
6		2									
7		2									
8		2									
9		2									
10		2									
11		2									
12		2									

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					34 20				30 17

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	<i>Tuesday January 31 - 1847</i>				
1	2					<i>comes in with light wind ...</i>					
2	2										
3	2										
4	2										
5	2										
6	2										
7	2										
8	2										
9	2										
10	2										
11	2										
12	2										
1	2					<i>comes in with light wind ...</i>					
2	2										
3	2										
4	2										
5	2										
6	2										
7	2										
8	2										
9	2										
10	2										
11	2										
12	2										

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					34 20				30 17

... from ... to ...

Ship Sapphine from *Manila* towards *London*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

9th day from the start

Sumner Grace Master

Ship *Sagittaria* from *Manilla* towards *Selam*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	W 3/4 S	SE		Friday January 17-1834
2	2	1				
3	2	1				comes in with strong gales and
4	3					drifting South with a large sea on
5	2	1				at 8 still more moderate seas &
6	2	1				neef from the Main top sail
7	1	1		SE		at 10 still and all night
8	1	1				sett for Gullent mill
9	1	1				
10	1	1	W 3/4 S			
11	2		W 1/2 S			
12	3		W 1/2 S			
1	2		W 3/4 S	SE		thick weather cloudy with
2	1					rain and snow looking
3	1					
4	2			SE		Monroe Stone the sail
5	3					low top Mast & lower
6	3					sett
7	3					Ends with strong winds
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					35 45				26 54

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	1	W 3/4 S	SE		Saturday January 18-1834
2	2	1				
3	2	1				comes in with fine gales and heavy
4	2	1				appearances about the horizon the ship
5	2	1				at 2 still took in all the sails
6	2	1				at 8 sharp lightening with thunder
7	2	1				from the N. E. wind
8	2	1				
9	2	1	W 3/4 S	SE		Midnight thick weather in all directions
10	2	1				at 2 still in heavy rain & drift
11	2	1				this was the most took in all sail
12	2	1				at 4 close reefed Main top sail
1	2	1				at 4 still blowing heavy gale from
2	2	1				the ship was under the close reef
3	2	1				Main top sail & Main Stanchion
4	2	1				
5	2	1				Ends with strong gale and heavy
6	2	1				heavy sea running
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

at 10 still in the storm

<div> <i>Ship</i> <i>from</i> <i>Manilla</i> <i>towards</i> <i>Salomon</i> </div>											
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks. <i>June 14 1894</i>					
1	/		1200	1200		<i>Lamer in with 10 many brand</i> <i>gals and 1 heavy iron sea,</i> <i>Lauree to under 10 close</i> <i>next Main by sail and</i> <i>fore & main phones</i> <i>Spindle 1000 long 1000</i> <i>not run and 10 very ingenious</i> <i>running but in 10 line stones</i> <i>1000 more this 10 1000</i> <i>End with head water</i>					
2	/										
3	/										
4	/										
5	/		1200	1200							
6	/										
7	/										
8	/										
9	/		1200	1200							
10	/										
11	/										
12	/										
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks. <i>July 14 1894</i>					
1	/		1200	1200		<i>Lamer in with 10 many brand</i> <i>gals and 1 heavy iron sea,</i> <i>Lauree to under 10 close</i> <i>next Main by sail and</i> <i>fore & main phones</i> <i>Spindle 1000 long 1000</i> <i>not run and 10 very ingenious</i> <i>running but in 10 line stones</i> <i>1000 more this 10 1000</i> <i>End with head water</i>					
2	/										
3	/										
4	/										
5	/		1200	1200							
6	/										
7	/										
8	/										
9	/		1200	1200							
10	/										
11	/										
12	/										
Course.			Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
							35 23				23 41

11 day from the 1st of June

St. Michael Ignace Mission

Ship *Expeditio* from *Sancti Michaelis* towards *St. Michael*

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1	1		N.W.			comes in light rain and goes on rather
2	1					lighter the bar pit & spunk
3	1					Let the sails from the bar and
4	1					and set the fore & main sails
5	1					
6	1					
7	1					
8	1					the bar is later in the day
9	1					Let on
10	1					
11	1					the bar is later in the day
12	1					Let on
1	1					the bar is later in the day
2	1					Let on
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					21 12				22 32

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1	2		N.W.			comes in with light breeze and fine
2	2					the bar is later in the day
3	3					Let the sails from the bar and
4	3					and set the fore & main sails
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					22 02				23 26

4.30.00 on the bar

Samuel Grace Master of

Ship *Supper* from *Manilla* towards *Sabon*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	180°	Short		Concom with light airs and good weather the wind shifted to S. by E.
2	1	1	180°			
3	4	1	180°			in all other respects, good to fair
4	3	1				gale in fresh and breeze strong up.
5	3	1				at 5 AM weather in 15 fathoms
6	2	1				good
7	2	1				
8	2	1				
9	2	1				
10	2	1				from 12 to 4 squally in the forenoon
11	2	1				gale, the rain fell in showers
12	2	1				the rain fell in showers
1	2	1				
2	2	1				
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					95 24				17 27

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4	1	180°	Short		
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				
1	3	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					85 33				17 26

45 miles from the Straits

St. Mary's Space Master

Ship Sappho from Manila towards Sulu

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1		SW	light		(Comer in with fine gales and thick clouds all round, with at night coming back in fog & then later general fog)
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2					The S. S. Sappho at night coming in with fine clouds all round at night fog by the S. S. Sappho
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SW	100	10	100	54 14	54 15		2 22		13 5

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1		SW	light		Comer in with fine gales and thick clouds all round, with at night coming back in fog & then later general fog
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					
1	2					The S. S. Sappho at night coming in with fine clouds all round at night fog by the S. S. Sappho
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SW	100	10	100	54 14	54 15		2 22		13 5

at night coming back in fog & then later general fog

Admiral George Mackenzie

Ship *Hesperus* from *Manila* towards *Salem*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

60 miles from the Straits

Samuel & Grace Martin

Ship *Supplement* from *Manilla* towards *Spain*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2					Came in with light wind and
2	2					light breeze and rain
3	2					before the wind
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					Had to start back in
10	2					all the wind and rain
11	2					
12	2					
1	2					
2	2					Went out with the
3	2					top of the wind and
4	2					rain with light breeze
5	2					and pleasant weather
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
									5, 57

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2					Came in with light wind and
2	2					pleasant at 5 P.M. but in
3	2					darky study, with
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
									5, 57

27 days from the Straits of Malacca

Summit (Green Mountain)

Ship *from* *Manilla* *towards* *Sulawesi*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Ship from the Straits of Sunda

Shamal Grace Master of

Ship Saffline from Manila towards Sulu

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						Lower in with light breeze
2						and strong clouds
3						
4						
5						
6						
7						the night clouds
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	4		SE			Lower in with light breeze
2	4			SE		and strong clouds
3	4					
4	4					the night clouds
5	4					
6	4					
7	4					
8	4					
9	4			SE		
10	4					
11	4					
12	4					
1	5					
2	5					
3	5					
4	5					
5	5					
6	4					
7	4					
8	4					
9	4					
10	4					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

55 miles from the Strait of Sulu

Samuel Grace Master

Ship Sloop from Manila towards Sulu

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE			Comes in with moderate breeze and
2	5	1	SE			strong, clouds all sail set
3	5					before the wind
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					Went to anchor at night
11	5					and landed to the eastward track
12	5	1				in short sail & day's
1	5					
2	5					Morning after at anchor at night
3	5	1				set all short & strong
4	5	1				landed from the Sulu
5	5	1				& day's
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	100	104	21	17 46	17 41		5		5 53

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5		SE			Comes in with moderate breeze
2	5		SE			and fine pleasant weather
3	5		SE			all short sail set
4	5	1	SE			landed from the Sulu
5	5	1	SE			& day's
6	5	1	SE			
7	5	1	SE			
8	5	1	SE			
9	5	1	SE			
10	5	1	SE			
11	5	1	SE			
12	5	1	SE			
1	5		SE			
2	5		SE			
3	5		SE			
4	5		SE			
5	5		SE			
6	5		SE			
7	5		SE			
8	5		SE			
9	5		SE			
10	5		SE			
11	5		SE			
12	5		SE			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

57 from the South Sulu

Sancti Spiritus

Ship *Epiphany* from *Manilla* towards *Santo Domingo*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.														
1	5		W 1/2 S	SE		Leave in mth. light gale														
2	5		W 1/2 S	SE		at 1.40 AM														
3	5		W 1/2 S	SE		at 1.40 AM														
4	4		W 1/2 S	SE		at 1.40 AM														
5	4		W 1/2 S	SE		at 1.40 AM														
6	4		W 1/2 S	SE		at 1.40 AM														
7	4		W 1/2 S	SE		at 1.40 AM														
8	4		W 1/2 S	SE		at 1.40 AM														
9	4		W 1/2 S	SE		at 1.40 AM														
10	4		W 1/2 S	SE		at 1.40 AM														
11	4		W 1/2 S	SE		at 1.40 AM														
12	4		W 1/2 S	SE		at 1.40 AM														
1	4		W 1/2 S	SE		at 1.40 AM														
2	4		W 1/2 S	SE		at 1.40 AM														
3	4		W 1/2 S	SE		at 1.40 AM														
4	4		W 1/2 S	SE		at 1.40 AM														
5	4		W 1/2 S	SE		at 1.40 AM														
6	4		W 1/2 S	SE		at 1.40 AM														
7	4		W 1/2 S	SE		at 1.40 AM														
8	4		W 1/2 S	SE		at 1.40 AM														
9	4		W 1/2 S	SE		at 1.40 AM														
10	4		W 1/2 S	SE		at 1.40 AM														
11	4		W 1/2 S	SE		at 1.40 AM														
12	4		W 1/2 S	SE		at 1.40 AM														
<table border="1"> <tr> <th>Course.</th><th>Dist.</th><th>Diff. lat.</th><th>Dep.</th><th>Lat. by D. R.</th><th>Lat. by Ob.</th><th>Varia.</th></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>							Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.							
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.														

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.														
1	4		W 1/2 S	SE		Leave in mth. light gale														
2	4		W 1/2 S	SE		at 1.40 AM														
3	4		W 1/2 S	SE		at 1.40 AM														
4	4		W 1/2 S	SE		at 1.40 AM														
5	4		W 1/2 S	SE		at 1.40 AM														
6	4		W 1/2 S	SE		at 1.40 AM														
7	4		W 1/2 S	SE		at 1.40 AM														
8	4		W 1/2 S	SE		at 1.40 AM														
9	4		W 1/2 S	SE		at 1.40 AM														
10	4		W 1/2 S	SE		at 1.40 AM														
11	4		W 1/2 S	SE		at 1.40 AM														
12	4		W 1/2 S	SE		at 1.40 AM														
1	4		W 1/2 S	SE		at 1.40 AM														
2	4		W 1/2 S	SE		at 1.40 AM														
3	4		W 1/2 S	SE		at 1.40 AM														
4	4		W 1/2 S	SE		at 1.40 AM														
5	4		W 1/2 S	SE		at 1.40 AM														
6	4		W 1/2 S	SE		at 1.40 AM														
7	4		W 1/2 S	SE		at 1.40 AM														
8	4		W 1/2 S	SE		at 1.40 AM														
9	4		W 1/2 S	SE		at 1.40 AM														
10	4		W 1/2 S	SE		at 1.40 AM														
11	4		W 1/2 S	SE		at 1.40 AM														
12	4		W 1/2 S	SE		at 1.40 AM														
<table border="1"> <tr> <th>Course.</th><th>Dist.</th><th>Diff. lat.</th><th>Dep.</th><th>Lat. by D. R.</th><th>Lat. by Ob.</th><th>Varia.</th></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>							Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.							
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.														

Sancti Spiritus

Ships Sapp. from *Manila* towards *Sulu*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	North			Commence with light air and fine pleasant weather.
2	1	1		330		
3	1	1				
4	1	1				
5	2	1				
6	2	1				
7	2	1				Midnight Moderate
8	2	1				breeze with flying clouds.
9	3	1				
10	3	1		East		
11	4	1				
12	4	1				
1	5	1				Light breeze with
2	5	1				all sail set before 11 am
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				Lat 3 Dec 25 and
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
North	71	31	57	12 21	12 25		59	1	12 24

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1	1	North			Commence with light breeze and pleasant weather.
2	3	1		330		
3	3	1				
4	3	1				
5	4	1				all sail set before 11 am
6	4	1				
7	4	1				
8	4	1		East		
9	4	1				Midnight Moderate
10	5	1				breeze with flying clouds.
11	5	1				
12	5	1				
1	5	1				Lat 3 Dec 25 and
2	5	1				
3	5	1				
4	5	1				
5	5	1				impregnated in morning with
6	5	1				Rigidity
7	5	1				
8	5	1				
9	5	1				
10	5	1				Lat 3 Dec 25 and
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
North	125	55	85	12 26	12 31				12 35

8 days from the start of winter

Samuel Green Haddock

Disappearing from Manila towards Island

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4					<i>Commenced with light breeze</i>
2	4	1				<i>and light breeze</i>
3	4	1				<i>all night</i>
4	4	1				<i>all night</i>
5	4	1				<i>all night</i>
6	4	1				<i>all night</i>
7	4	1				<i>all night</i>
8	4	1				<i>all night</i>
9	4	1				<i>all night</i>
10	4	1				<i>all night</i>
11	4	1				<i>all night</i>
12	4	1				<i>all night</i>
1	5	1				<i>all night</i>
2	5	1				<i>all night</i>
3	5	1				<i>all night</i>
4	5	1				<i>all night</i>
5	5	1				<i>all night</i>
6	5	1				<i>all night</i>
7	5	1				<i>all night</i>
8	5	1				<i>all night</i>
9	5	1				<i>all night</i>
10	5	1				<i>all night</i>
11	5	1				<i>all night</i>
12	5	1				<i>all night</i>

Course.	Dist.	Dif. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dif. Long.	Long. in.	Long. by Ob.
<i>12-4</i>	<i>17</i>	<i>83</i>	<i>83</i>	<i>10 54</i>	<i>11 01</i>		<i>85</i>		<i>12 25</i>

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	4					<i>Commenced with light breeze</i>
2	4	1				<i>and light breeze</i>
3	4	1				<i>all night</i>
4	4	1				<i>all night</i>
5	4	1				<i>all night</i>
6	4	1				<i>all night</i>
7	4	1				<i>all night</i>
8	4	1				<i>all night</i>
9	4	1				<i>all night</i>
10	4	1				<i>all night</i>
11	4	1				<i>all night</i>
12	4	1				<i>all night</i>
1	5	1				<i>all night</i>
2	5	1				<i>all night</i>
3	5	1				<i>all night</i>
4	5	1				<i>all night</i>
5	5	1				<i>all night</i>
6	5	1				<i>all night</i>
7	5	1				<i>all night</i>
8	5	1				<i>all night</i>
9	5	1				<i>all night</i>
10	5	1				<i>all night</i>
11	5	1				<i>all night</i>
12	5	1				<i>all night</i>

Course.	Dist.	Dif. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Dif. Long.	Long. in.	Long. by Ob.
<i>12-4</i>	<i>17</i>	<i>83</i>	<i>83</i>	<i>10 54</i>	<i>11 01</i>		<i>85</i>		<i>12 25</i>

55 Days from the United States

Samuel Grace, Master of

Ship's Log from Manilla towards Hailan										
H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Friday February 14-1834			
1	5	1				Comes in with fine gales and clear pleasant weather - all sail set to advantage -				
2	5	1		SE						
3	5	1								
4	5	1								
5	6	1								
6	6	1		SE						
7	6	1				Middle Part of the Bay				
8	6	1								
9	6	1	South	South						
10	6	1								
11	6	1				at 7 1/2 P.M. saw the Island of Ascension bearing South by compass 20 miles distant -				
12	6	1	West							
1	6	1								
2	6	1								
3	6	1								
4	6	1				Ends South. Moderate breeze and shifting clouds -				
5	6	1	South							
6	6	1								
7	6	1				Employed on the rigging and painting the gun - Lat. by the 2 55 South				
8	6	1								
9	6	1	West							
10	6	1								
11	6	1								
12	6	1								
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	
N 40 W	123	75	93	8 01	7 47		14		140 45	Shore West

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	Saturday February 15-1834			
1	5		West	South		Comes in with moderate breeze and shifting clouds, with light squalls of rain -				
2	5									
3	5									
4	5									
5	5									
6	5									
7	5					Midnight shifting clouds -				
8	5									
9	4	1								
10	4	1								
11	4					Ends with light breeze and pleasant weather				
12	4									
1	4									
2	4									
3	4									
4	3					Lat. by the 2 14 South				
5	3									
6	3									
7	3									
8	3									
9	3									
10	3									
11	3									
12	3									
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.	
N 50 W	106	55	80	8 46	7 14		12		140 50	Shore West

Ship's Log from the Island of Ascension

Sumner's voyage to the Arctic
Ship - from Manila towards China

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	3		W. by N.	light		
2	3					lower in with light breeze and
3	3	1				pleasant all sail set
4	3	1		to		
5	3	1				
6	3	1				
7	3	1				
8	5	1		to		
9	5	1				Midnight. Flying Cloud.
10	5	1				
11	5	1				
12	5	1				
1	5	1				lower in with good breeze and
2	5	1				cloudy weather
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W. by N.	167	85	30	11.27	None		85	17.57	

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	W. by N.	light		lower in with moderate breeze
2	5	1				and cloudy weather
3	5	1				and light breeze
4	5	1				and light breeze
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1				
2	5	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
W. by N.	167	85	30	11.27	None		85	17.57	

Sumner's voyage to the Arctic
Ship - from Manila towards China

St. Michael's Bay, March 1834

Ship's position from Marshall towards West

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5					comes in with fine green water
2	4	1				cloudy weather all night
3	4					
4	4	1				at 11 P.M. in all the night
5	4	1				and foggy
6	4	1				
7	4	1				
8	4	1				
9	5					the night squally with short
10	5					light rain the heavy rain
11	5					took place the greatest with
12	5					
1	5					Remains thus pleasant
2	5					but all night & all day
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SW by W	125	12	108	402	403		100	21.32	21 55

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5					comes in with fine weather and
2	5					cloudy with some rain
3	4					
4	3					at 2 P.M. in the morning and
5	2					what rain
6	3					
7	3					
8	2	1				
9	2	1				the night squally with large
10	1					lightning & heavy thunder
11	1					
12	1					
1	2					Remains thus pleasant with
2	2					all night & day
3	2					
4	2					
5	3					
6	3					
7	4					
8	4					
9	3	1				
10	3	1				
11	3	1				
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SW by W	70	30	20	300	300		20	22.34	22 30

St. Michael's Bay, March 1834

Samuel Lloyd Martin

from Maxilla towards Salina									
H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.			
1	4		SE	SE		Came in with Maxilla			
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	12	83	85	2-35	2-38		33	11-41	11-44

H.	K.	H. K.	Courses.	Winds.	Lec.	Remarks.			
1	4		SE	SE		Came in with Maxilla			
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
1	4								
2	4								
3	4								
4	4								
5	4								
6	4								
7	4								
8	4								
9	4								
10	4								
11	4								
12	4								
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
SE	11	82	87	2-4	2-41		17		2-4

23 Days from the Maxilla to Salina

Samuel Groce Master of

Ship *Sapphine* from *Manilla* towards *Sulu*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	N.W.			Same in fine pleasant weather
2	5	1				all sail set
3	5	1				
4	5	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 57 W	115	54	91	1 17	1 30		92		28 53

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	5	1	N.W.	SE		Same in with light breeze and
2	3	1				drifting slowly on Manilla Bay
3	3	1				
4	3	1				
5	2	1				
6	2	1				
7	1	1				
8	2	1				
9	2	1				
10	2	1				
11	1	1				
12	1	1				
1	2	1				
2	2	1				
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2	1				
8	2	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
N 63 W	56	93	45	60 57	1 24		45		29 53

25 Days from the Straits of Manilla

Journal of the voyage of the ship "Herald" from London to the Cape of Good Hope, 1840

from London towards the Cape of Good Hope

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

from the Cape of Good Hope towards London

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

97 Days from the Cape of Good Hope

Journal of the ...

from ... towards ...

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		Black	South		came in with light wind and
2	2					smooth, with heavy rain -
3	2					in a ...
4	2					at 2 P.M. ...
5	2					two ...
6	2					at 7 P.M. ...
7	3					at 11 P.M. ...
8	4					three ...
9	3					Morning ...
10	3					from ...
11	4					End ...
12	3					Lat ...
1	3					
2	3					
3	2					
4	Lat					
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
135	44	10	10	20 15	20 11		24		32 43

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	1					came in with light wind and
2	2					stopping ...
3	2					5 ...
4	2					
5	2					
6	2					
7	2					
8	2					
9	5					
10	5					
11	5					
12	5					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

75 ...

Sumner Green Harbor

Ship's position from Manila towards Balabac

H.	K.	H. K.	Courses.	Winds.	Lce.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.						
101 20 82 52 05 10 12 10 1 23 8 101 22						

H.	K.	H. K.	Courses.	Winds.	Lce.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
Course. Dist. Diff. lat. Dep. Lat. by D. R. Lat. by Ob. Varia. Diff. Long. Long. in. Long. by Ob.						
104 5 30 119 1 1/2 1 1/2 1 1/2 10 1/2 10 1/2 7 1/2 104 56						

81 Days from the Strait of Luzon

Run from ... towards ...

Run from ... towards ...

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

83 ...

Thames - Green's Atlantic

from							towards	
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Thames from Green's Atlantic towards Port						
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1			1/2			Course on port strong breeze
2			1/2			on port
3			1/2			on port
4			1/2			on port
5			1/2			on port
6			1/2			on port
7			1/2			on port
8			1/2			on port
9			1/2			on port
10			1/2			on port
11			1/2			on port
12			1/2			on port
1			1/2			on port
2			1/2			on port
3			1/2			on port
4			1/2			on port
5			1/2			on port
6			1/2			on port
7			1/2			on port
8			1/2			on port
9			1/2			on port
10			1/2			on port
11			1/2			on port
12			1/2			on port

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Thames - Green's Atlantic

Thames - 81000 - 100000 -

Ship *Thames* from *Barbados* towards *London*

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1						Time in with first hour
2						in 1st hour
3						
4						
5						Time in with second hour
6						
7						
8						
9						
10						Time in with third hour
11						
12						
1						
2						
3						Time in with fourth hour
4						
5						Time in with fifth hour
6						
7						
8						
9						Time in with sixth hour
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
10000	100	100	100	100	100	100	100	100	100

H.	K.	H.K.	Courses.	Winds.	Lec.	Remarks.
1						Time in with first hour
2						
3						
4						
5						Time in with second hour
6						
7						
8						
9						
10						Time in with third hour
11						
12						
1						
2						
3						Time in with fourth hour
4						
5						Time in with fifth hour
6						
7						
8						
9						Time in with sixth hour
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
10000	100	100	100	100	100	100	100	100	100

Thames - 81000 - 100000 -

Leaving from ... towards ...

Ship ... from ... towards ...

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Lat. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Lat. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

... from ... towards ...

Sailed from New York towards ...

Ship *Supplies* *from* *New York* *towards* *London*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12
7	8	9	10	11	12	1
8	9	10	11	12	1	2
9	10	11	12	1	2	3
10	11	12	1	2	3	4
11	12	1	2	3	4	5
12	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12
7	8	9	10	11	12	1
8	9	10	11	12	1	2
9	10	11	12	1	2	3
10	11	12	1	2	3	4
11	12	1	2	3	4	5
12	1	2	3	4	5	6

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

Ship *Supplies* *from* *New York* *towards* *London*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12
7	8	9	10	11	12	1
8	9	10	11	12	1	2
9	10	11	12	1	2	3
10	11	12	1	2	3	4
11	12	1	2	3	4	5
12	1	2	3	4	5	6
1	2	3	4	5	6	7
2	3	4	5	6	7	8
3	4	5	6	7	8	9
4	5	6	7	8	9	10
5	6	7	8	9	10	11
6	7	8	9	10	11	12
7	8	9	10	11	12	1
8	9	10	11	12	1	2
9	10	11	12	1	2	3
10	11	12	1	2	3	4
11	12	1	2	3	4	5
12	1	2	3	4	5	6

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

21 days from New York to London

Leeward from Easter

from *Monrovia* *towards* *London*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Lat.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Lat.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.

Leeward from the Atlantic Ocean

Summit Green Master

Ship ... from ... towards ...

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>...</i>	<i>48</i>	<i>42</i>	<i>25</i>	<i>10 45</i>	<i>...</i>		<i>25</i>		<i>...</i>

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
<i>...</i>	<i>...</i>	<i>...</i>	<i>25</i>	<i>...</i>	<i>...</i>				<i>...</i>

...

St. Anne - Green Mountains

		from		towards				
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
Course.		Lat.	Lat. by D. R.	Lat. by Ob.	Varia.	Lat. Long.	Long. in.	Long. by Ob.

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
Course.		Lat.	Lat. by D. R.	Lat. by Ob.	Varia.	Lat. Long.	Long. in.	Long. by Ob.

St. Anne - Green Mountains

100 - 12 Grace Market

Ship *Arcturion* from *London* towards *London*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			12 1/2			Time in with fresh breeze, and a fair
2						at 12 1/2. All things ready for the fair
3						
4						
5			12 1/2			at 12 1/2 took in fresh breeze and
6						then it went to the right hand
7			12 1/2			
8						
9						
10						
11						
12						
1			12 1/2			Time in with strong breeze
2						and blowing from the south
3						then it went to the right hand
4						then it went to the right hand
5						then it went to the right hand
6						then it went to the right hand
7						then it went to the right hand
8						then it went to the right hand
9						then it went to the right hand
10						then it went to the right hand
11						then it went to the right hand
12						then it went to the right hand

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12 1/2	12	12	12	24 1/2	24 1/2		41	15 1/2	15 1/2

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1			12 1/2			Time in with strong breeze
2						and blowing from the south
3						then it went to the right hand
4						then it went to the right hand
5						then it went to the right hand
6						then it went to the right hand
7			12 1/2			Time in with strong breeze
8						and blowing from the south
9						then it went to the right hand
10						then it went to the right hand
11			12 1/2			Time in with strong breeze
12						and blowing from the south
1						then it went to the right hand
2						then it went to the right hand
3						then it went to the right hand
4						then it went to the right hand
5			12 1/2			Time in with strong breeze
6						and blowing from the south
7						then it went to the right hand
8						then it went to the right hand
9						then it went to the right hand
10			12 1/2			Time in with strong breeze
11						and blowing from the south
12						then it went to the right hand

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12 1/2	12	12	12	24 1/2	24 1/2		41	15 1/2	15 1/2

100 - 12 Grace Market

James Green Robinson

from						towards								
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.								
1	2					James on under light yellow and blue at 10 AM took in the light and sailed and made up the at 1 PM took in the light and sailed and made up the at 2 PM took in the light and sailed and made up the at 3 PM took in the light and sailed and made up the at 4 PM took in the light and sailed and made up the at 5 PM took in the light and sailed and made up the at 6 PM took in the light and sailed and made up the at 7 PM took in the light and sailed and made up the at 8 PM took in the light and sailed and made up the at 9 PM took in the light and sailed and made up the at 10 PM took in the light and sailed and made up the at 11 PM took in the light and sailed and made up the at 12 PM took in the light and sailed and made up the								
1	2													
3	4													
5	6													
7	8													
9	10													
11	12													
1	2													
3	4													
5	6													
7	8													
9	10													
11	12													
Course.						Lat.	Diff. lat.	Long.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12 2 7						27	75	49	22 28	32 14		28		24 02

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.								
1	2					James on under light yellow and blue at 10 AM took in the light and sailed and made up the at 1 PM took in the light and sailed and made up the at 2 PM took in the light and sailed and made up the at 3 PM took in the light and sailed and made up the at 4 PM took in the light and sailed and made up the at 5 PM took in the light and sailed and made up the at 6 PM took in the light and sailed and made up the at 7 PM took in the light and sailed and made up the at 8 PM took in the light and sailed and made up the at 9 PM took in the light and sailed and made up the at 10 PM took in the light and sailed and made up the at 11 PM took in the light and sailed and made up the at 12 PM took in the light and sailed and made up the								
2	3													
4	5													
6	7													
8	9													
10	11													
12	1													
2	3													
4	5													
6	7													
8	9													
10	11													
12	1													
Course.						Lat.	Diff. lat.	Long.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
12 2 7						27	75	49	22 28	32 14		28		24 02

181 Days from the Month of June

Samuel Green master

Ship *Supper* from *Muskegon* towards *London*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	March 22-1884				
1	4					Commenced with fine glass & weather					
2	5					Shower with light wind					
3	6										
4	7					at 7 P.M. took in light sail					
5	8					lying off at 7 P.M. in lower part					
6	9					at 9 P.M. in lower part					
7	10					at 10 P.M. in lower part					
8	11					at 11 P.M. in lower part					
9	12					at 12 P.M. in lower part					
10	1					at 1 P.M. in lower part					
11	2					at 2 P.M. in lower part					
12	3					at 3 P.M. in lower part					
1	4					at 4 P.M. in lower part					
2	5					at 5 P.M. in lower part					
3	6					at 6 P.M. in lower part					
4	7					at 7 P.M. in lower part					
5	8					at 8 P.M. in lower part					
6	9					at 9 P.M. in lower part					
7	10					at 10 P.M. in lower part					
8	11					at 11 P.M. in lower part					
9	12					at 12 P.M. in lower part					
10	1					at 1 P.M. in lower part					
11	2					at 2 P.M. in lower part					
12	3					at 3 P.M. in lower part					
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.		
N.W.	48	14	24	34 24	34 24		20		17 54		

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.	March 23-1884				
1	2					Commenced with light glass & weather					
2	3					at 2 P.M. in lower part					
3	4					at 3 P.M. in lower part					
4	5					at 4 P.M. in lower part					
5	6					at 5 P.M. in lower part					
6	7					at 6 P.M. in lower part					
7	8					at 7 P.M. in lower part					
8	9					at 8 P.M. in lower part					
9	10					at 9 P.M. in lower part					
10	11					at 10 P.M. in lower part					
11	12					at 11 P.M. in lower part					
12	1					at 12 P.M. in lower part					
1	2					at 1 P.M. in lower part					
2	3					at 2 P.M. in lower part					
3	4					at 3 P.M. in lower part					
4	5					at 4 P.M. in lower part					
5	6					at 5 P.M. in lower part					
6	7					at 6 P.M. in lower part					
7	8					at 7 P.M. in lower part					
8	9					at 8 P.M. in lower part					
9	10					at 9 P.M. in lower part					
10	11					at 10 P.M. in lower part					
11	12					at 11 P.M. in lower part					
12	1					at 12 P.M. in lower part					
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.		
					34 24				17 43		

185 Supper from Muskegon towards London

Summer 1880

from *San Diego* towards *San Francisco*

H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.			
1	2		100			Commenced with Moderate gale			
2	2					and pleasant weather still calm			
3	2		100			and pleasant weather still calm			
4	2		100			and pleasant weather still calm			
5	2		100			and pleasant weather still calm			
6	2		100			and pleasant weather still calm			
7	2		100			and pleasant weather still calm			
8	2		100			and pleasant weather still calm			
9	2		100			and pleasant weather still calm			
10	2		100			and pleasant weather still calm			
11	2		100			and pleasant weather still calm			
12	2		100			and pleasant weather still calm			
1	2		100			and pleasant weather still calm			
2	2		100			and pleasant weather still calm			
3	2		100			and pleasant weather still calm			
4	2		100			and pleasant weather still calm			
5	2		100			and pleasant weather still calm			
6	2		100			and pleasant weather still calm			
7	2		100			and pleasant weather still calm			
8	2		100			and pleasant weather still calm			
9	2		100			and pleasant weather still calm			
10	2		100			and pleasant weather still calm			
11	2		100			and pleasant weather still calm			
12	2		100			and pleasant weather still calm			
Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					34.50				117.50

from *San Francisco* towards *San Diego*

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from *San Diego* towards *San Francisco*

Journal of the ...

Ship Sapphine from ... towards ...

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	8		1005	SE		Came in with strong gale
2	8			SE		and heavy rain
3	8					at 7 AM ...
4	8				
5	8				
6	8				
7	8				
8	8			SE	
9	8				
10	8				
11	8				
12	8				
1	8				
2	8				
3	8				
4	8				
5	8				
6	8				
7	8				
8	8				
9	8				
10	8				
11	8				
12	8				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					3848				

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2		1005	SE		Came in with fresh gale
2	2				
3	2				
4	2				
5	2				
6	2				
7	2				
8	2				
9	2				
10	2				
11	2				
12	2				
1	2				
2	2				
3	2				
4	2				
5	2				
6	2				
7	2				
8	2				
9	2				
10	2				
11	2				
12	2				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.	Long. in.	Long. by Ob.
					3832				

... ..

<div> <div> from </div> <div> towards </div> </div>										
H.	K.	H. K.	Courses.	Winds.	Lee.	Remarks.				
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
1							Course.	Dist.	Diff. lat.	Dep.
2										
3										
4										
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9										
10										
11										
12										
1							Lat. by D. R.	Lat. by Ob.	Varia.	Diff. Long.
2										
3										
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5										
6										
7										
8										
9										
10										
11										
12										
1							Long. in.	Long. by Ob.		
2										
3										
4										
5										
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7										
8										
9										
10										
11										
12										

105 fms from the ...

from *months* towards *the*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1	2					1st in with light rain 5.15
2	2					2nd in with light rain 5.15
3	1					3rd in with light rain 5.15
4	1					4th in with light rain 5.15
5	2	-				5th in with light rain 5.15
6	2					6th in with light rain 5.15
7	3					7th in with light rain 5.15
8	4					8th in with light rain 5.15
9	5					9th in with light rain 5.15
10	5					10th in with light rain 5.15
11	5					11th in with light rain 5.15
12	1					12th in with light rain 5.15
1	1					1st in with light rain 5.15
2	1					2nd in with light rain 5.15
3	1					3rd in with light rain 5.15
4	1					4th in with light rain 5.15
5	1					5th in with light rain 5.15
6	1					6th in with light rain 5.15
7	1					7th in with light rain 5.15
8	1					8th in with light rain 5.15
9	1					9th in with light rain 5.15
10	1					10th in with light rain 5.15
11	1					11th in with light rain 5.15
12	1					12th in with light rain 5.15

H.	R.	H.K.	Courses.	Winds.	Lcc.	Remarks.
1	1	1	102.7	16	4	Leaves New York at 10 AM
2	1	1	103.2			Thurs. 11 AM. 100 miles
3	1	1				at 11 AM ship -
4	2					at 11 AM. 100 miles in 40 h. 100 miles
5	2					at 11 AM. 100 miles in 40 h. 100 miles
6	2					at 11 AM. 100 miles in 40 h. 100 miles
7	1					at 11 AM. 100 miles in 40 h. 100 miles
8	1		103			at 11 AM. 100 miles in 40 h. 100 miles
9	2					at 11 AM. 100 miles in 40 h. 100 miles
10	2					at 11 AM. 100 miles in 40 h. 100 miles
11	2					at 11 AM. 100 miles in 40 h. 100 miles
12	2					at 11 AM. 100 miles in 40 h. 100 miles
1	1					at 11 AM. 100 miles in 40 h. 100 miles
2	1					at 11 AM. 100 miles in 40 h. 100 miles
3	1					at 11 AM. 100 miles in 40 h. 100 miles
4	1					at 11 AM. 100 miles in 40 h. 100 miles
5	2		104.1			at 11 AM. 100 miles in 40 h. 100 miles
6	2					at 11 AM. 100 miles in 40 h. 100 miles
7	3					at 11 AM. 100 miles in 40 h. 100 miles
8	3					at 11 AM. 100 miles in 40 h. 100 miles
9	2		104.8			at 11 AM. 100 miles in 40 h. 100 miles
10	2					at 11 AM. 100 miles in 40 h. 100 miles
11	1		105.1			at 11 AM. 100 miles in 40 h. 100 miles
12	2		105.8			at 11 AM. 100 miles in 40 h. 100 miles

111. *Agave* from the mountains of Mexico

Dep. *Hydroc.* from *1000* towards *1000*

H.	K.	H.K.	Courses.	Winds.	Lee.	Remarks.
1						1000 m. in water along shore and
2						Rich. and. Weather
3						at 1000 m. in water the main and
4						main and. at 1000 m. in water
5						at 1000 m. in water the main and
6						at 1000 m. in water the main and
7						at 1000 m. in water the main and
8						at 1000 m. in water the main and
9						at 1000 m. in water the main and
10						at 1000 m. in water the main and
11						at 1000 m. in water the main and
12						at 1000 m. in water the main and
1						at 1000 m. in water the main and
2						at 1000 m. in water the main and
3						at 1000 m. in water the main and
4						at 1000 m. in water the main and
5						at 1000 m. in water the main and
6						at 1000 m. in water the main and
7						at 1000 m. in water the main and
8						at 1000 m. in water the main and
9						at 1000 m. in water the main and
10						at 1000 m. in water the main and
11						at 1000 m. in water the main and
12						at 1000 m. in water the main and

[illegible]

towards

[illegible]

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9

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